

Proceedings of the 292nd SEAC Meeting held on 28th February- 2023

Members present in the meeting held on 28th February - 2023

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

Officials present

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

The Chairman welcomed the members and initiated the discussion. The proceedings of the 291st SEAC meeting held on 13th, 14th and 15th February 2023 was read and confirmed.

Fresh Projects

EIA Projects

292.1 Modification and Expansion of Residential Apartment at Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Godrej Properties Ltd. - Online Proposal No. SIA/KA/INFRA2/412100/2022 (SEIAA 72 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Godrej Properties Ltd., Prestige Obelisk, No. 3, Kasturba Road, Bengaluru - 560001
2	Name & Location of the Project	Modification and Expansion of Residential Apartment Project at Sy.Nos.77, 175/1, 175/2A, 175/2B, 176/2A, 176/2B, 177 & 174/1B, Kodathi Village, Varthur Hobli, Bangalore East Taluk
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	-



	b.	Residential Township/ Area Development Projects	Residential Category 8(b) as per EIA Notification 2006,
4		New/ Expansion/ Modification/ Renewal	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	Hadosiddapura lake is at 0.097 Km towards W.
6		Plot Area (Sqm)	63383.88 sqm
7		Built Up area (Sqm)	2,01,948.08sqm.
8		FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.249
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower A, B, C, D & Eis LB+UB+G+27; F&G is LB+G+24; H is LB+G+21; J, K & L= UB+G+27; M, N & P =UB+G+15.
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	1539 units
11		Height Clearance	As per CCZM, permissible top elevation is 980m AMSL and proposed top elevation is 957.92m AMSL
12		Project Cost (Rs. In Crores)	202Crores
13		Disposal of Demolition waste and or Excavated earth	No demolition and the excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development within the site area.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	31,829.78 Sqm
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	16,119.5sq. m.
	d.	Internal Roads	19,905.92Sqm
	e.	Paved area	
	f.	Others Specify	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	6,110.10Sqm
	h.	Total	63,383.88Sqm
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Tankers
	b.	Quantity of water for Construction in KLD	10KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD

e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	765 KLD
		Recycled	375 KLD
		Total	1135 KLD
b.	Source of water	Panchayat	
c.	Waste water generation in KLD	690 KLD	
d.	STP capacity	1035 KLD	
e.	Technology employed for Treatment	SBR	
f.	Scheme of disposal of excess treated water if any	Treated water will be utilized for gardening, flushing	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	100cum capacity	
	No's of Ground water recharge pits	13Nos.	
17	Storm water management plan	Surface water to be impounded in pond of capacity 20M ltr capacity.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	500 kgs/day of Solid waste is generated and it is disposed to municipal solid waste facility.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2,160Kgs / Day – will be taken to an Organic Waste Converter	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1440Kgs / Day will be sent to authorised recycler.	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	0.8 TPA of hazardous waste is generated per annum. The spent oil from Diesel generators are sent to authorized recyclers.	
d.	Quantity of E waste generation and mode of Disposal as per norms	0.25 TPA of E-waste is generated. The E waste generated is sent to authorized vendors.	
19	POWER		
a.	Total Power Requirement - Operational Phase	4918 KVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Zone 1 (A, B, C, D & E) = 500 KVA (2 no) and 200 KVA (1 no) Zone 2 (F, G, H, J, K & L) = 500 KVA (2 no) and 400 KVA (1no) Zone 3 (M, N & P) = 250 KVA (1 no) and 125 KVA (1 no)	
c.	Details of Fuel used for DG Set	Diesel	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 6% Savings	

20	PARKING	
a.	Parking Requirement as per norms	1555 ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS: B
c.	Internal Road width (RoW)	8 mtr
21	CER Activities	All round development of Hadosiddapura lake.
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	25 lakhs 149 lakhs

The proposal is for modification and expansion of residential building project, for which SEIAA had issued ToR on 25.05.2022. For the existing buiding, SEIAA had issued EC on 28.06.2021 for BUA of 1,43,404.38 Sqm in a plot area of 51,991.92 Sqm and now it is proposed for BUA of 2,01,948.08 Sqm in plot area of 63,383.88Sqm. The proponent informed that the CCR obtained from MoEF&CC on 29.07.2022 for earlier E.C was rated as satisfactory and the proponent had obtained approval for plan from BBMP on 27.12.2021 and CFE from KSPCB on 18.112.2021. The proponent with reference to architect certificate dated 12.01.2023, informed that the total 31.62% of BUA is constructed as per earlier EC.

The committee during appraisal sought clarification for water body and cart track as per village map, and details of provisions made for harvesting rain water. The proponent informed the committee that there is water body in north west and buffer of 30 mtr is proposed from the edge of the water body and free public access is provided for the cart track in north east. For harvesting rain water, the proponent submitted revised calculation, with RWH tank of 1000 cum total capacity for runoff from rooftop and a pond of capacity 20M ltrs for runoff from landscape and paved areas in addition to 13 nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and to provide smart metering for individual units and the propoent agreed for all.

The proponent informed that they have made provisions to grow a total of 1105 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the observation in CCR issued by MoEF&CC and to leave free public access in kharab area.

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

292.2 Expansion of Bulk Drugs and Pharmaceutical Intermediate Manufacturing Unit Project at Sy. Nos. 223/3, 224, 251/2, 252/1, 253, 254/1 of Nanjangud Village & Taluk Mysore District by M/s.Solara Active Pharma Sciences Ltd. - Online Proposal No.SIA/KA/IND3/247506/2021 (SEIAA 66 IND 2021)

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

The committee to know the functioning of existing unit and the present site condition after discussion decided to defer the appraisal to have a site visit.

Action: Member Secretary, SEAC to putup before SEAC for upcoming meetings.

292.3 Residential Apartment Building Project at Puttenahalli Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. Vainavi Infrastructures - Online Proposal No.SIA/KA/INFRA2/416460/2023 (SEIAA 34 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Punith R, Partner M/s. Vainavi Infrastructures Office at No. 540, 10 th Main, 38 th Cross, Jayanagar 5 th Block, Bangalore – 560 041.
2	Name & Location of the Project	Residential Apartment Building by M/s. Vainavi Infrastructures at Katha No. 1480, Sy No. 4/A2, of Puttenahalli Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore Urban District.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of projectsite	Puttenahalli Lake – 0.16 Kms (N)
6	Plot Area (Sqm)	4,155.07 sq.m
7	Built Up area (Sqm)	26,010.80 sq.m.

8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 4.33 (Including Premium FAR and TDR(to be purchased))														
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Blocks: 2 Basement Floor + Ground Floor + 11 Upper Floors + Terrace Floor														
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	80 Units														
11	Height Clearance in meters above sea level	As per CCZM, Proposed Top Elevation in AMSL : 944.98 Permissible top elevation in AMSL : 1035														
12	Project Cost (Rs. In Crores)	Rs. 52.0 Crores														
13	Disposal of Demolition waste and or Excavated earth	<table border="1"> <thead> <tr> <th>Details</th> <th>Quantity in m³</th> </tr> </thead> <tbody> <tr> <td>Quantity of excavated soil</td> <td>34,475.49</td> </tr> <tr> <td>Back filling for footings</td> <td>17,237.75</td> </tr> <tr> <td>Site filling required</td> <td>2,475.03</td> </tr> <tr> <td>Back filling for retaining wall</td> <td>13,382.20</td> </tr> <tr> <td>Top soil for Landscaping</td> <td>798.40</td> </tr> <tr> <td>Filling for internal roads</td> <td>582.12</td> </tr> </tbody> </table>	Details	Quantity in m ³	Quantity of excavated soil	34,475.49	Back filling for footings	17,237.75	Site filling required	2,475.03	Back filling for retaining wall	13,382.20	Top soil for Landscaping	798.40	Filling for internal roads	582.12
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		Back filling for footings	17,237.75													
		Site filling required	2,475.03													
		Back filling for retaining wall	13,382.20													
Top soil for Landscaping	798.40															
Filling for internal roads	582.12															
14	Details of Land Use (Sqm)															
a.	Ground Coverage Area	1,497.09 sq.m														
b.	Kharab Land	--														
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,310.80 sq.m														
d.	Internal Roads	1,164.23 Sq.m														
e.	Paved area															
f.	Others Specify	182.95Sqm														
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA														
h.	Total	4,155.07 sq.m.														
15	WATER															
I.	Construction Phase															
a.	Source of water	From nearby treated water suppliers														
b.	Quantity of water for Construction in KLD	50 KLD														
c.	Quantity of water for Domestic Purpose in KLD	10 KLD														
d.	Waste water generation in KLD	8 KLD														
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP														

II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	37.8 KLD
		Recycled	18.00 KLD
		Total	55.80 KLD
b.	Source of water	Gram Panchayat	
c.	Waste water generation in KLD	53.01KLD	
d.	STP capacity	55KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused fir toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	81.0cu.m	
	No's of Ground water recharge pits	12 Nos.	
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting tank of 56cum and will be used for recharging the ground water	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No. of Labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for Organic and inorganic waste. Organic waste Will be converted in organic convertor. Inorganic solid waste will be handed over to Authorized recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	96.0kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	64.0kg/day. Non- Biodegradable waste will be handed over to authorized recyclers.	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less	
19	POWER		
a.	Total Power Requirement - Operational Phase	500 kVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 500 kVA	
c.	Details of Fuel used for DG Set	HSD	

	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Energy saved by using Solar water Heater :50,000 kWh/ Year.....(a) • Solar Power Generation : • In non-monsoon season 100kWH x 30 x 8Months = 24,000kWH • In monsoon season 50kWH x 30 x 4 Months =6,000 kWh • Total SPV Power Generation in a year = 0.3 LkWH / Annum.....(b) • Total Solar Energy utilization (Energy savingusing solar heater and solar PV) in a year = (a)+(b)=0.5+ 0.3 L KWH = 0.8 L / Annum(c) • Total energy savings = 54.79% 												
20	PARKING														
	a.	Parking Requirement as per norms	90 ECS												
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Puttenahalli Road : LOS – B												
	c.	Internal Road width (RoW)	6.00 mtr												
21	CER Activities		<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Rainwater harvesting in GLPS atPuttenahallivillage</td> </tr> <tr> <td>2nd</td> <td>Providing solar power panels to GLPS at PuttenahalliVillage</td> </tr> <tr> <td>3rd</td> <td>Conducting E-waste drive campaigns in the Puttenahalli village</td> </tr> <tr> <td>4th</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>5th</td> <td>Health camp in GLPS at PuttenahalliVillage</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1 st	Rainwater harvesting in GLPS atPuttenahallivillage	2 nd	Providing solar power panels to GLPS at PuttenahalliVillage	3 rd	Conducting E-waste drive campaigns in the Puttenahalli village	4 th	Scientific support and awareness to local farmers to increase yield of crop and fodder	5 th	Health camp in GLPS at PuttenahalliVillage
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5 th	Health camp in GLPS at PuttenahalliVillage														
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 		EMP (Construction & Operation) <table border="1"> <thead> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 52.2 lakhs</td> <td>Recurring Cost Per Annum =15.75 lakhs</td> </tr> <tr> <td>Capital Cost = 220 lakhs</td> <td>Capital Cost = 38.54 lakhs</td> </tr> </tbody> </table>	Operation Phase	Construction Phase	Recurring Cost Per Annum = 52.2 lakhs	Recurring Cost Per Annum =15.75 lakhs	Capital Cost = 220 lakhs	Capital Cost = 38.54 lakhs						
Operation Phase	Construction Phase														
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The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought clarification for proposed FAR and provisions made for harvesting rain water and management of excess treated water. The proponent informed the committee that the permissible FAR is 2.25 and proposed FAR is 4.33 including premium FAR and TDR (to be purchased) and for harvesting rain water, proponent informed that they have proposed tanks of 81cum for runoff from rooftop and an additional tank of 56cum for runoff from landscape and paved areas in addition to 04 nos recharge pits has been proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and to use sustainable building materials in the proposed project, for which the proponent agreed.

The proponent agreed to grow 50 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC.

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

292.4 Residential Apartment Project at Panathur Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru District by M/s. Sree Builders & Develop - Online Proposal No.SIA/KA/INFRA2/406951/2022 (SEIAA 164 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. B. Narasimha Reddy Managing Partner M/s. Sree Builders & Developers At Flat No.401, United Elysium, Kadigudi main road Seeghalli Village Road, Bangalore-560067
2	Name & Location of the Project	Residential Apartment at Sy. Nos.39/8, 39/9, 39/10A, 39/12 and 39/13 of Panathur Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru District
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	Not Applicable
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	Panathur Lake is present adjacent (NW) to the project site and drain passing in (NE).	
6	Plot Area (Sqm)	15,604.67 Sqm	
7	Built Up area (Sqm)	43,751.42 Sqm	
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.16	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	BF+GF+4UF	
10	Number of units/plots in case of Construction /Residential Township /Area Development Projects	320 No's	
11	Height Clearance	Low rise structure.	
12	Project Cost (Rs. In Crores)	75Crores.	
13	Disposal of Demolition waste and or Excavated earth	NA	
14	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	6,596.97Sqm
	b.	Kharab Land	607.03 Sqm (6G)
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	3,721.08Sqm
	d.	Paved area	-
	e.	Others Specify	CDP road area 113.31Sqm Service and Open areas - 4,566.28Sqm
	f.	Parks and Open space in case of Residential Township/ Area Development Projects	--
	g.	Total	15,604.67Sqm (3A 34.24G)
15	WATER		
	I.	Construction Phase	
	a.	Source of water	STP treated water for construction purpose & Tanker water for domesticpurpose.
	b.	Quantity of water for Construction in KLD	10 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Wastewater generation in KLD	4 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in Mobile STP.
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 144 KLD Recycled 72KLD Total 216KLD
	b.	Source of water	BWSSB

	c.	Wastewater generation in KLD	184 KLD
	d.	STP capacity	200 KLD
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology
	f.	Scheme of disposal of excess treated water if any	Available treated water – 175 KLD (95% of sewage water) For flushing – 72 KLD For gardening – 19 KLD For Car washing – 16 KLD Other construction purpose - 68 KLD
16	Infrastructure for Rainwater harvesting		
	a.	Capacity of sump tank to store Roof run off	420 Cum (2 Days storage)
	b.	No's of Ground water recharge pits	21No's
17	Storm water management plan		<ul style="list-style-type: none"> Land is gently sloping terrain and sloping towards North-east direction. Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn & roads.
18	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10kg/day Solid waste will be generated and collected manually and handed over to local body for further processing
	II. Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity – 288 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 9.2kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 432kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 262.8 l/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	POWER		
	a.	Total Power Requirement - Operational Phase	BESCOM – 1000 kw
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X250 kVA

	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -17.5%.
20	PARKING		
	a.	Parking Requirement as per norms	400ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS C
	c.	Internal Road width (RoW)	6m
21	CER Activities		Beautification and development of Panathur Lake by implementing stone pitching and plantation around lake.
22	EMP		Construction phase – 11.0 Lakhs Operational Phase – 244 Lakhs
		<ul style="list-style-type: none"> • Construction phase • Operation Phase 	


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

The committee during appraisal sought details for water body and drain as per village map and provisions made for harvesting rain water. The proponent informed the committee that for the water body in northwest, they have made provision of 30 mtr buffer from the edge of water body. For the drain in northeast, the proponent informed that as per the letter of the Assistant Director, Town Planning, BBMP, dated 08.02.2023, wherein it is mentioned that the drain does not attract any buffer and the kharab area needs to be left as it is, while sanctioning the plan, no buffer is left for the drain in north east. For harvesting rain water, proponent informed that they have proposed tanks of 420 cum for runoff from rooftop and a pond of 150 cum for runoff from landscape and paved areas in addition to 21 nos recharge pits has been proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and to use sustainable building materials in the proposed project, for which the proponent agreed.

The proponent agreed to grow 195 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC.

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




292.5 Residential Apartment Building Project at Manchanahalli Village, Attibele Hobli, Anekal Taluk, Bangalore Urban District by M/s. Subha Properties Ltd. - Online Proposal No.SIA/KA/INFRA2/414985/2023 (SEIAA 24 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Subha Properties Pvt. Ltd. No. 252, V.K Pride, third floor, 14 th main road, sector 7, HSR Layout, Bangalore - 560102
2	Name & Location of the Project	Residential Apartment located at Municipal Sy.No. - 32/1, 35/4, Manchanahalli Village, Attibele Hobli, Anekal Taluk, Bangalore Urban District, Karnataka - 560105
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Building Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	-
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Manchanahalli two lakes are about 0.5 Km and 0.6 Km towards East and South west.
6	Plot Area (Sqm)	10,724.04 Sqm
7	Built Up area (Sqm)	24,320 Sqm
8	FAR • Permissible • Proposed	2 1.79
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	S+G+3+T
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	192 Residential Units
11	Height Clearance	Low rise structure with height of 14.95 m
12	Project Cost (Rs. In Crores)	32.6 Crores
13	Disposal of Demolition waste and or Excavated earth	The excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	6050 Sqm
	b. Kharab Land	-
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,539.09 sq. m.
	d. Internal Roads	2,520.28Sqm
	e. Paved area	

f.	Others Specify	Civic Amneties-537.40Sqm STRR land bank – 540.09 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	1,076.25 Sqm
h.	Total	10,724. 02 Sqm
15	WATER	
I.	Construction Phase	
a.	Source of water	Tankers
b.	Quantity of water for Construction in KLD	10 KLD
c.	Quantity of water for Domestic Purpose in KLD	2.25 KLD
d.	Waste water generation in KLD	2 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 84.5 KLD
		Recycled 45.5 KLD
		Total 130 KLD
b.	Source of water	Panchayat
c.	Waste water generation in KLD	104 KLD
d.	STP capacity	110 KLD
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Treated water will be utilized for gardening, flushing
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	400 Cum
b.	No's of Ground water recharge pits	8Nos.
17	Storm water management plan	Runoff water from hard scape to be harvested in tanks of 100cum capacity and excess water to be harvested in recharge pits of 8nos.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	15 kgs/day of Solid waste is generated and it is disposed to solid waste facility.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	308 Kgs / Day – will be taken to an Organic Waste Convertor
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	192 Kgs / Day will be sent to authorised recycler.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	0.5 TPA of hazardous waste is generated per annum. The spent oil from Diesel generators are sent to authorized recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	0.1 TPA of E-waste is generated. The E waste generated is sent to authorized vendors.

19	POWER	
a.	Total Power Requirement - Operational Phase	800 KVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 750 KVA
c.	Details of Fuel used for DG Set	Diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total 18% Savings
20	PARKING	
a.	Parking Requirement as per norms	212 ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: B
c.	Internal Road width (RoW)	5mtr
21	CER Activities	Infrastructure development to near by Government Colleges/schools
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	Construction phase Rs.: 15Lakhs and recurring 8 lakhs Operation phase Rs. : 98 lakhs and recurring 10 lakhs

The proposal is for construction of Residential buildings in an area earmarked for agriculture use as per STRRPA, for which proponent informed that they had obtained change of land use from DC.

The committee during appraisal sought details for water body as per village map and provisions made for harvesting rain water. The proponent informed the committee that the water body in east is outside bufferzone from the project site area. For harvesting rain water, proponent informed that they have proposed tank of 400cum for runoff from rooftop and an additional tank of 100cum capacity for runoff from landscape and paved areas in addition to 8nos recharge pits has been proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and to use sustainable building materials in the proposed project, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC.

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




292.6 Suvilas Palms Project at Myadarahalli Village and Shettihalli Village, Yeshwanthpura Hobli, Bengaluru North Taluk, Bengaluru by M/s. Suvilas Properties Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/414419/2023 (SEIAA 19 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Suvilas Properties Pvt Ltd, No. 100 (Old no 52), Donnabas Tower, Railway Parallel Road, Kumara park West, Bengaluru - 560020
2	Name & Location of the Project	Suvilas Palms Sy. Nos. 20, 21, 22, 29 (P) of Myadarahalli Village and Sy No. 60/3(P) of Shettihalli Village, Yeshwanthpura Hobli, Bengaluru North Taluk, Bengaluru
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential building, Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Kammgondahalli Lake is 65m East of the project site. A nala is seen along the northern boundary of the project site.
6	Plot Area (Sqm)	30,098.24 Sq.m.
7	Built Up area (Sqm)	1,16,638.16Sq.m
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 (Including TDR 3.6) 3.05 (Including TDR to be purchased)
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1 to Tower 6 : 1 Basement Floor + Ground Floor + 27 Upper Floors + Terrace Floor Clubhouse with 1 Basement Floor + Ground Floor + 3 Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	972 Dwelling Units
11	Height Clearance	AMSL of the project site is 884m; Height allowed as per CCZM Map for Bengaluru is 1035m (i.e. 151m). Allowed height is 151m. Proposed Height is 83.55m
12	Project Cost (Rs. In Crores)	51 Crores
13	Disposal of Demolition waste and or Excavated earth	The total excavation was estimated as 49,350cum. Topsoil of about 14,804 was used for landscaping along the periphery of the project. About 13,817cum was used for site leveling and temporary roads, Remaining

		20,725cum is scientifically stored near the project and will be used for backfilling and manufacturing of soil stabilized cement blocks which will used within the project for construction of non-load bearing walls, compound walls, curbstone, pavers, etc
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4,162.4Sq.m
b.	Kharab Land	1,112.88 Sq.m
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,352.49Sq.m
d.	Internal Roads	17,470.61Sq.m
e.	Paved area	
f.	Others Specify	Nil
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	Total	28,985.50Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site
b.	Quantity of water for Construction in KLD	10KLD
c.	Quantity of water for Domestic Purpose in KLD	10KLD
d.	Waste water generation in KLD	16KLD
e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 449KLD
		Recycled 226KLD
		Total 675KLD
b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water
c.	Waste water generation in KLD	540KLD
d.	STP capacity	615KLD STP
e.	Technology employed for Treatment	Sequencing Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping, etc.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	250cum
b.	No's of Ground water recharge pits	29 Nos.
17	Storm water management plan	Garland drains with 29 recharge pits are proposed.

18	WASTE MANAGEMENT	
	I. Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms 50kg/day of solid waste shall be disposed through BBMP waste management contractors
	II. Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms 885kg/day Organic Waste Converter
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms 1327kg/day Local Authorized Recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms 1000 kg/annum Authorized Agencies
	d.	Quantity of E waste generation and mode of Disposal as per norms 50 kg/annum Authorized Agencies
19	POWER	
	a.	Total Power Requirement - Operational Phase 3000KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply 500KVA x 3Nos.
	c.	Details of Fuel used for DG Set Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 10ppm
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 a.Timer based External Lights b.BEE Star rated electromechanical systems shall be used in the development c.Solar Water Heating systems for top two floors of residential building d.Use of HF ballast for lighting e.Use of LED light fittings f.Building Orientation; Cross Ventilation Total Savings – 27%
20	PARKING	
	a.	Parking Requirement as per norms 1010 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report Royal Street – B Abbigere Road – C Sri Sri Shivakumar Swamiji Road - D
	c.	Internal Road width (RoW) 8mtr
21	CER Activities	1.To provide infrastructure development for neary by Govt. College/Schools, 2.Free Medical check-up camps will be held 3.Signage on roads to avoid accidents. 4.Providing Skill Development facilities 5.Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 6.Plantation in community areas
22	EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 24.39 Lakhs Recurring Cost – 10.39 Lakhs/ Annum

		During Operation Phase: Capital Investment – 292.84 Lakhs Recurring Cost –8.0 Lakhs/ Annum
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The proposal is for modification and expansion of residential building project, for which SEIAA had issued EC on 28.08.2020 for BUA of 84,098.53 Sqm in a plot area of 30,098.24 Sqm and now it is proposed for BUA of 84,098.53 Sqm, with no change in plot area. The proponent informed that they had obtained CCR from MoEF&CC on 12.12.2022 for earlier E.C, further informing that construction of basement was in progress for which the proponent had obtained approval of plan from BBMP and CFE from KSPCB on 22.02.2021.

The committee during appraisal sought clarification for water body and drain as per village map, sensitive zone as per RMP of BDA and details of provisions made for harvesting rain water. The proponent informed the committee that there is water body in east and buffer of 30 mtr is proposed from the edge of the water body and a buffer of 25 mtrs for the center for the secondary drain along North-West direction. For sensitive zone as per BDA, proponent informed that they had obtained sensitive zone clearance from BDA dated 27.11.2013. For harvesting rain water, the proponent submitted revised calculation, with RWH tank of 425 cum total capacity for runoff from rooftop and a pond of 250 cum capacity for runoff from landscape and paved areas in addition to 29nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and to provide smart metering for individual units and to comply with the observation of CCR issued by MoEF&CC and the proponent agreed for all.

The proponent informed that they have made provisions to grow 500 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the observation in CCR issued by MoEF&CC.

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

292.7 Commercial Building (Office Block and R & D Block) Project at Venkatala Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore Urban District by M/s. Scion Infra Properti - Online Proposal No.SIA/KA/INFRA2/410446/2022 (SEIAA 178 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Kunal B, Partners M/s. SCION INFRA PROPERTIES LLP Registered Office at Sy. No. 11, KHB A Sector, Yelahanka New Town, Bangalore – 560 064.

2	Name & Location of the Project	Commercial Building (Office Building and R & D Building) by M/s. SCION INFRA PROPERTIES LLP at Sy. No. 2/3 of Venkata Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore - 560064.	
3	Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building (Office Building)
	b.	Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New	
5	Water Bodies/ Nalas in the vicinity of project site	Yelahanka Kere – 0.71 kms towards SW	
6	Plot Area (Sqm)	16,339.18 sq.m.	
7	Built Up area (Sqm)	54,595.48 sq.m.	
8	FAR		
	• Permissible	3.25	
	• Proposed	2.12	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 wings. Wing A : 3 Basements + Ground Floor + 8 Upper Floors + Terrace Floor and Wing B: Ground Floor + Mezz. Floor + First Floor + Terrace Floor.	
10	Height Clearance in meters above sea level	As per CCZM, Permitted height is: 123mtrs Height Proposed : 38.25mtrs	
11	Project Cost (Rs. In Crores)	Rs. 108 Crores	
12	Disposal of Demolition waster and or Excavated earth	Details	Quantity in m ³
		Quantity of excavated soil	2,31,159.60
		Back filling for footings	69,347.88
		Site filling required	51,786.05
		Back filling for retaining wall	1,01,756.64
		Top soil for Landscaping	3,253.67
	Filling for internal roads	5,015.36	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	5,830.22 sq.m
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,341.85 sq.m
	d.	Internal Roads	5,015.36
	e.	Paved area	
	f.	Others	151.75Sqm
	g.	Parks and Open space in case of Residential Township/ Area	NA

	Development Projects		
h.	Total	16,339.18 sq.m.	
14	WATER		
I.	Construction Phase		
a.	Source of water	From nearby treated water suppliers	
b.	Quantity of water for Construction in KLD	50 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	8 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	78.24 KLD
		Recycled	107.58 KLD
		Total	185.82 KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	176.52KLD	
d.	STP capacity	180KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.	
15	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	315 cu.m	
	No's of Ground water recharge pits	16 Nos.	
16	Storm water management plan	The storm water from the site will be collected by rainwater harvesting tank of 214 cum and will be used for recharging the ground water through 16 pits	
17	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No. of Labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for Organic and inorganic waste. Organic waste Will be converted in organic convertor. Inorganic solid waste will be handed over to Authorized recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	234.72kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	156.48kg/day. Non- Biodegradable waste will be handed over to authorized recyclers.	

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil												
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less												
18	POWER														
	a.	Total Power Requirement - Operational Phase	6000 kVA												
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4 X 1500 kVA												
	c.	Details of Fuel used for DG Set	HSD												
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Solar Power Generation : • In non-monsoon season 1250kWH x 30 x 8Months = 3,00,000 kWH • In monsoon season 750kWH x 30 x 4Months = 90,000 kWH • Total SPV Power Generation in a year =3.90 L kWH / Annum.....(b) • Total energy savings = 22.26% 												
19	PARKING														
	a.	Parking Requirement as per norms	686 ECS												
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS B												
	c.	Internal Road width (RoW)	6.00 m												
20	CER Activities		<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to Government School at Palanahalli Village</td> </tr> <tr> <td>2nd</td> <td>Rainwater harvesting pits government schools at Palanahalli village</td> </tr> <tr> <td>3rd</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>4th</td> <td>Avenue plantation either side of the approach road near quarry site & Repair of road with drainages</td> </tr> <tr> <td>5th</td> <td>Health camp in Government Schools at Palanahalli Village</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1 st	Providing solar power panels to Government School at Palanahalli Village	2 nd	Rainwater harvesting pits government schools at Palanahalli village	3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder	4 th	Avenue plantation either side of the approach road near quarry site & Repair of road with drainages	5 th	Health camp in Government Schools at Palanahalli Village
Year	Corporate Environmental Responsibility (CER)														
1 st	Providing solar power panels to Government School at Palanahalli Village														
2 nd	Rainwater harvesting pits government schools at Palanahalli village														
3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder														
4 th	Avenue plantation either side of the approach road near quarry site & Repair of road with drainages														
5 th	Health camp in Government Schools at Palanahalli Village														
21	EMP		<table border="1"> <thead> <tr> <th colspan="2">EMP (Construction & Operation)</th> </tr> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 64.2 lakhs</td> <td>Recurring Cost Per Annum =17.48 lakhs</td> </tr> <tr> <td>Capital Cost = 230.0 lakhs</td> <td>Capital Cost = 49.95 lakhs</td> </tr> </tbody> </table>	EMP (Construction & Operation)		Operation Phase	Construction Phase	Recurring Cost Per Annum = 64.2 lakhs	Recurring Cost Per Annum =17.48 lakhs	Capital Cost = 230.0 lakhs	Capital Cost = 49.95 lakhs				
EMP (Construction & Operation)															
Operation Phase	Construction Phase														
Recurring Cost Per Annum = 64.2 lakhs	Recurring Cost Per Annum =17.48 lakhs														
Capital Cost = 230.0 lakhs	Capital Cost = 49.95 lakhs														
		<ul style="list-style-type: none"> • Construction phase • Operation Phase 													

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

The committee during appraisal sought details for foot kharab as per village map and provisions made for harvesting rain water. The proponent informed the committee that foot kharab in west would be left for free public access. For harvesting rain water, proponent informed that they have proposed tank of 315 cum for runoff from rooftop and an additional tank of 214 cum capacity for runoff from landscape and paved areas in addition to 16nos recharge pits proposed within the project site area. Further the committee informed the proponent to use the proposed project only as Office Building and to use sustainable building materials in the proposed project, for which the proponent agreed.

The proponent agreed to grow 202 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC.

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

292.8 Expansion of Hospital Project at Sadaramangala Industrial area, Sadaramangala Village, KR Puram Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. Aster DM Healthcare Ltd. - Online Proposal No. SIA/KA/INFRA2/412250/2022 (SEIAA 35 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Aster DM Healthcare Limited. Plot No-3 & 4, comprised in Sy. No. 76. Sadaramangala Industrial area, Sadaramangala village, KR Puram Hobli, Bangalore south taluk, Bangalore-urban
2	Name & Location of the Project	Expansion of Hospital Building Project at Plot No-3 & 4, comprised in Sy. No. 76. Sadaramangala Industrial area, Sadaramangala village, KR Puram Hobli, Bangalore south taluk, Bangalore-urban,
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hospital Building
b.	Residential Township/ Area Development Projects	-
4	New/ Expansion/ Modification/ Renewal	Expansion

5	Water Bodies/ Nalas in the vicinity of project site	YeleMallappa Shetty lake is 3.21 km towards North.	
6	Plot Area (Sqm)	8097 sq.m	
7	Built Up area (Sqm)	25,509.25 sq.m	
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.5 (20242.5 sqm) 2.49 (20161.5 sqm)	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	:Basement+GF+5UF+TF	
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	IPD: 294 beds	
11	Height Clearance	21.5 m	
12	Project Cost (Rs. In Crores)	75Crores	
13	Disposal of Demolition waste and or Excavated earth	No excavation is required (its brown field project)	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	4341.61 Sqm	
b.	Kharab Land	-	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	-	
d.	Internal Roads	1326.2Sqm	
e.	Paved area		
f.	Others Specify	-	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	2429.10Sqm	
h.	Total	8097 Sqm	
15	WATER		
I.	Construction Phase		
a.	Source of water	BWSSB	
b.	Quantity of water for Construction in KLD	5 KLD	
c.	Quantity of water for Domestic Purpose in KLD	2.25 KLD	
d.	Waste water generation in KLD	2 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	BWSSB Sewer line	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	113 KLD
		Recycled	52KLD
		Total	165KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	Waste water from IPD & OPD: 148KLD, Laboratory: 9.5 KLD	

d.	STP capacity	STP: 165KLD, ETP capacity: 10 KLD			
e.	Technology employed for Treatment	MBR			
f.	Scheme of disposal of excess treated water if any	Treated water will be utilized for gardening, flushing, HVAC etc.,			
16	Infrastructure for Rain water harvesting				
a.	Capacity of sump tank to store Roof run off	75Cum(RWH collection tank-2nos)			
b.	No's of Ground water recharge pits	3Nos.(RWH pits , each 12 cum (2M x 2M x 3M)			
17	Storm water management plan	Storm water separate pipeline will be provided around the building and to be connected to the RWH sump. During rainy season, collected rainwater will be used for flushing and gardening etc.,			
18	WASTE MANAGEMENT				
I.	Construction Phase				
a.	Quantity of Solid waste generation and mode of Disposal as per norms	25kgs/day of Solid waste will be generated and it will be disposed to solid waste facility.			
II.	Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	349Kgs / Day Biodegradable waste will be treated in OWC to be used as manure for gardening /landscaping			
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	240Kgs / Day Inorganic waste will be disposed through KSPCB authorized vendors/recyclers. 133 Kgs/day of Biomedical waste will be sent to CBWTF.			
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	S.No	Type	Quantity	Disposal method
		1	Used oil/spent oil	1.0 KLA	Shall be collected in a leak proof containers & disposed only to KSPCB registered authorized re-processors provided the oil meets the standards as per schedule-5-part A of the rules
d.	Quantity of E waste generation and mode of Disposal as per norms	The generated E-waste will be disposed of through KSPCB approved vendor.			
19	POWER				
a.	Total Power Requirement - Operational Phase	2250KVA			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing DG sets: 2 Nos x 500 kVA Proposed DG sets: 2 Nos x 1010 KVA			
c.	Details of Fuel used for DG Set	HSD			
d.	Energy conservation plan and Percentage of savings including plan	7% Savings			

	for utilization of solar energy as per ECBC 2007																			
20	PARKING																			
a.	Parking Requirement as per norms	210Nos of car parking (including visitors, 10% EV charging point to be provided).																		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	<p>Changed V/C and LOS after adding generated traffic from the operational phase of the proposed project.</p> <table border="1"> <thead> <tr> <th>Road</th> <th>Peak Hour Volumes (V)</th> <th>Capacity, (C)</th> <th>V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td>Whitefield road</td> <td>2500+210 =2710</td> <td>4800</td> <td>0.56</td> <td>C</td> </tr> </tbody> </table>	Road	Peak Hour Volumes (V)	Capacity, (C)	V/C Ratio	LOS	Whitefield road	2500+210 =2710	4800	0.56	C								
Road	Peak Hour Volumes (V)	Capacity, (C)	V/C Ratio	LOS																
Whitefield road	2500+210 =2710	4800	0.56	C																
c.	Internal Road width (RoW)	6 m																		
21	CER Activities Proposed	<table border="1"> <thead> <tr> <th colspan="3">CER</th> </tr> <tr> <th>No.</th> <th>Activities</th> <th>Rs In Lakh</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cardiac and Alternative medicine supply and medical camps</td> <td>10</td> </tr> <tr> <td>2.</td> <td>Free treatment for CIG</td> <td>10</td> </tr> <tr> <td>3.</td> <td>Medical check-up camps in Labour colony of Mahadevapura</td> <td>10</td> </tr> <tr> <td colspan="2">TOTAL</td> <td>30</td> </tr> </tbody> </table>	CER			No.	Activities	Rs In Lakh	1.	Cardiac and Alternative medicine supply and medical camps	10	2.	Free treatment for CIG	10	3.	Medical check-up camps in Labour colony of Mahadevapura	10	TOTAL		30
CER																				
No.	Activities	Rs In Lakh																		
1.	Cardiac and Alternative medicine supply and medical camps	10																		
2.	Free treatment for CIG	10																		
3.	Medical check-up camps in Labour colony of Mahadevapura	10																		
TOTAL		30																		
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	Construction Phase: Capital cost : 100 Lakhs Recurring cost : 30 lakhs Operational phase Capital cost : 176 lakhs Recurring cost : 20 Lakhs																		

The proposal is for expansion of hospital building project, from existing BUA of 15,028 Sqm in a plot area of 8,097 Sqm for 148 beds to BUA of 25,509.25 Sqm, with no change in plot area for 294beds. The proponent informed that for the existing facility they had obtained approval of plan from KIADB dated 27.04.18 and CFO from KSPCB on 05.05.2022. The proponent justified the existing BUA of 15,028Sqm based on the architect certificate on 10.01.2023.

The committee during appraisal sought clarification regarding for handling biomedical waste and provisions made for harvesting rain water. The proponent informed the committee that they had made MoU with KSPCB authorized vendor and about 133 kg/day of biomedical waste to be handed over to the authorized vendor. For harvesting rain water, the proponent submitted revised calculation, with RWH tank of 150 cum capacity for runoff from rooftop and an additional tank of 150 cum capacity for runoff from landscape and paved areas in addition to 5 nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and for which the proponent agreed.

The proponent informed that they have made provisions to grow 101 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the observations in the CCR issued by MoEF&CC.

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

292.9 Building Stone Quarry Project at Arundi Village, Nyamati Taluk, Davanagere District (1-12 Acres) by Sri Venkatesh Babu R - Online Proposal No. SIA/KA/MIN/415712/2023 (SEIAA 43 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION														
1	Name & Address of the Projects Proponent	Sri Venkatesh Babu R														
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 114/2 of Arundi Village, Nyamati Taluk, Davanagere District (1-12 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 14°11'09.7330"</td> <td>E 75°34'35.2729"</td> </tr> <tr> <td>N 14°11'10.1524"</td> <td>E 75°34'37.9297"</td> </tr> <tr> <td>N 14°11'08.0206"</td> <td>E 75°34'38.4458"</td> </tr> <tr> <td>N 14°11'07.6123"</td> <td>E 75°34'36.6757"</td> </tr> <tr> <td>N 14°11'08.4840"</td> <td>E 75°34'36.4852"</td> </tr> <tr> <td>N 14°11'08.1907"</td> <td>E 75°34'35.0782"</td> </tr> </tbody> </table>	Latitude	Longitude	N 14°11'09.7330"	E 75°34'35.2729"	N 14°11'10.1524"	E 75°34'37.9297"	N 14°11'08.0206"	E 75°34'38.4458"	N 14°11'07.6123"	E 75°34'36.6757"	N 14°11'08.4840"	E 75°34'36.4852"	N 14°11'08.1907"	E 75°34'35.0782"
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N 14°11'08.1907"	E 75°34'35.0782"															
3	Type Of Mineral	Building Stone Quarry														
4	New / Expansion / Modification / Renewal	New														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta														
6	Area in Acres	1-12 Acres														
7	Annual Production (Metric Ton / Cum) Per Annum	45,918 Tones/ Annum (including waste)														
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)														
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	3,23,890 Tones (including waste)														
10	Permitted Quantity Per Annum - Cu.m / Ton	45,000 Tones/ Annum (excluding waste)														

11	CER Activities: To grow 300 No. of additional plantation on either side of the approach road from quarry location to Arundi Village Road	
12	EMP Budget	Rs. 12.80 Lakhs (Capital Cost) & 4.62 Lakhs (Recurring cost)
13	Forest NOC	10.11.2022
14	Quarry plan	03.12.2022
15	Cluster certificate	03.12.2022
16	Revenue NOC	28.09.2022
17	Notification	17.11.2022

The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that in the proposed project area no mining activities has been carried out and informed that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are two other leases in a radius of 500 mtr from the said lease and the total area of the leases including the said lease is 5-39 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 290 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,23,890 Tons (including waste) and estimated the life of mine to be 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 45,918tons/ Annum (including waste).

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

292.10 Laterite Stone Quarry Project at Tenkamijaru Village, Mudabidre Taluk, Dakshina Kannada District (2-0 Acres) by Sri. Ifran Aziz Udupi Mohammed - Online Proposal No.SIA/KA/MIN/416148/2023 (SEIAA 49 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri. Ifran Aziz Udupi Mohammed
2	Name & Location of the Project	Laterite Stone Quarry Project at In part of Sy.No. 209/7 of Tenkamijaru Village, Mudabidre Taluk, Dakshina Kannada District (2-20 Acres)

		Latitude	Longitude												
		N 13° 02' 49.9"	E 74° 55' 28.0"												
		N 13° 02' 48.3"	E 74° 55' 26.6"												
		N 13° 02' 49.1"	E 74° 55' 24.4"												
		N 13° 02' 53.1"	E 74° 55' 25.9"												
		N 13° 02' 52.7"	E 74° 55' 27.1"												
		N 13° 02' 50.7"	E 74° 55' 27.1"												
3	Type Of Mineral	Laterite Stone Quarry													
4	New / Expansion / Modification / Renewal	New													
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta													
6	Area in Acres	2-20 Acres													
7	Annual Production (Metric Ton / Cum) Per Annum	68,421 Tones/ Annum (including waste)													
8	Project Cost (Rs. In Crores)	Rs. 1.17 Crores (Rs. 117 Lakhs)													
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,24,754 Tones (including waste)													
10	Permitted Quantity Per Annum - Cu.m / Ton	65,000 Tones/ Annum (excluding waste)													
11	CER Activities: <table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS school at Tenkamijaru Village</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to the GHPS school at Tenkamijaru Village</td> </tr> <tr> <td>3rd</td> <td>Conducting E-waste drive campaigns in the Tenkamijaru Village</td> </tr> <tr> <td>4th</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS school at Tenkamijaru Village</td> </tr> </tbody> </table>			Year	Corporate Environmental Responsibility (CER)	1 st	Providing solar power panels to the GHPS school at Tenkamijaru Village	2 nd	Rain water harvesting pits to the GHPS school at Tenkamijaru Village	3 rd	Conducting E-waste drive campaigns in the Tenkamijaru Village	4 th	Scientific support and awareness to local farmers to increase yield of crop and fodder	5 th	Health camp in GHPS school at Tenkamijaru Village
Year	Corporate Environmental Responsibility (CER)														
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3 rd	Conducting E-waste drive campaigns in the Tenkamijaru Village														
4 th	Scientific support and awareness to local farmers to increase yield of crop and fodder														
5 th	Health camp in GHPS school at Tenkamijaru Village														
12	EMP Budget	Rs. 44.53 Lakhs (Capital Cost) & Rs. 6.99 Lakhs (Recurring cost)													
13	Forest NOC	12.09.2022													
14	Quarry plan	18.01.2023													
15	Cluster certificate	17.01.2023													
16	Revenue NOC	18.11.2022													
17	Notification	30.12.2022													

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 2-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 910 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry as per standard norms & should grow trees all along the approach road during the first year of operation, for which proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 7,24,754Tons (including waste) and estimated the life of mine to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 68,421tons/ Annum (including waste).

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

292.11 Building Stone Quarry Project at over an area of 5-31 acres in Motebennur village & over an area of 2-05 acres in Chatra Village Byadgi Taluk, Haveri Distric (7-36 Acres) by Sri. Deepak V Hiremath - Online Proposal No.SIA/KA/MIN/416001/2023 (SEIAA 50 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION																						
1	Name & Address of the Projects Proponent	Sri. Deepak V Hiremath																						
2	Name & Location of the Project	Building Stone Quarry Project at In Sy. Nos. 423/1D & 423/1K, over an area of 5-31 acres in Motebennur village & 117/1, over an area of 2-05 acres in Chatra Village Byadgi Taluk, Haveri Distric (7-36 Acres)																						
		<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 14° 42' 6.34"</td> <td>E 75° 30' 57.16"</td> </tr> <tr> <td>N 14° 42' 10.26"</td> <td>E 75° 31' 0.17"</td> </tr> <tr> <td>N 14° 42' 7.71"</td> <td>E 75° 31' 2.07"</td> </tr> <tr> <td>N 14° 42' 7.16"</td> <td>E 75° 31' 1.58"</td> </tr> <tr> <td>N 14° 42' 4.07"</td> <td>E 75° 31' 2.73"</td> </tr> <tr> <td>N 14° 42' 3.09"</td> <td>E 75° 31' 1.70"</td> </tr> <tr> <td>N 14° 42' 59.50"</td> <td>E 75° 31' 2.11"</td> </tr> <tr> <td>N 14° 42' 58.41"</td> <td>E 75° 30' 59.34"</td> </tr> <tr> <td>N 14° 42' 0.46"</td> <td>E 75° 30' 58.52"</td> </tr> <tr> <td>N 14° 42' 1.91"</td> <td>E 75° 31' 0.21"</td> </tr> </tbody> </table>	Latitude	Longitude	N 14° 42' 6.34"	E 75° 30' 57.16"	N 14° 42' 10.26"	E 75° 31' 0.17"	N 14° 42' 7.71"	E 75° 31' 2.07"	N 14° 42' 7.16"	E 75° 31' 1.58"	N 14° 42' 4.07"	E 75° 31' 2.73"	N 14° 42' 3.09"	E 75° 31' 1.70"	N 14° 42' 59.50"	E 75° 31' 2.11"	N 14° 42' 58.41"	E 75° 30' 59.34"	N 14° 42' 0.46"	E 75° 30' 58.52"	N 14° 42' 1.91"	E 75° 31' 0.21"
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N 14° 42' 1.91"	E 75° 31' 0.21"																							
3	Type Of Mineral	Building Stone Quarry																						
4	New / Expansion / Modification / Renewal	New																						
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																						
6	Area in Acres	7-36 Acres																						
7	Annual Production (Metric Ton / Cum) Per Annum	1,89,474 Tones/ Annum (including waste)																						
8	Project Cost (Rs. In Crores)	Rs. 1.87 Crores (Rs. 187 Lakhs)																						
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	37,42,648 Tones (including waste)																						
10	Permitted Quantity Per Annum - Cu.m / Ton	1,80,000 Tones/ Annum (excluding waste)																						
11	CER Activities: To construct one additional room to GHPS Motebennur village																							

	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to common public places to the GHPS school at Chatra village.
	2nd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	3rd	Rain water harvesting pits to the GHPS school at Chatra village.
	4th	Conducting E-waste drive campaigns at Chatra village.
	5th	Health camp in GHPS school at Chatra Village
12	EMP Budget	Rs. 42.69 lakhs (Capital Cost) & Rs. 10.54 lakhs (Recurring cost)
13	Forest NOC	10.11.2022
14	Quarry plan	28.12.2022
15	Cluster certificate	12.01.2023
16	Revenue NOC	02.08.2022
17	Notification	03.12.2022

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 7-36 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 270 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and road leading to crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation, for which proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 37,42,648 Tons (including waste) and estimated the life of mine to be 20 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,89,474 Tons/ Annum (including waste).

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

292.12 Shahabad Stone Quarry Project at Arejambaga Village, Kalagi Taluk Kalaburagi District (1-20 Acres) by Sri Madhavareddy - Online Proposal No.SIA/KA/MIN/414444/2023 (SEIAA 29 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Madhavareddy
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy.No.208/*/3 of Arejambaga Village, Kalagi Taluk Kalaburagi District (1-20 Acres)

		Latitude	Longitude
		N 17°16'35.2"	E 77°07'46.6"
		N 17°16'34.2"	E 77°07'44.0"
		N 17°16'35.6"	E 77°07'43.3"
		N 17°16'36.7"	E 77°07'44.8"
		N 17°16'39.0"	E 77°07'44.5"
		N 17°16'39.3"	E 77°07'44.7"
3	Type Of Mineral	Shahabad Stone	
4	New / Expansion / Modification / Renewal	New	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta	
6	Area in Acres	1-20 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	59,780 Tones/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	9,61,250 Tones (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	35,868 Tones/ Annum (excluding waste)	
11	CER Activities: To grow 200 No. of additional plantation on either side of the approach road from quarry location to Arejambaga Village Road		
12	EMP Budget	Rs. 9.10 Lakhs (Capital Cost) & 3.06 Lakhs (Recurring cost)	
13	Forest NOC	04.08.2022	
14	Quarry plan	22.12.2022	
15	Cluster certificate	27.12.2022	
16	Revenue NOC	10.11.2021	
17	Notification	27.12.2022	

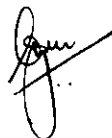
As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 1-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 580 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry as per standard norms & should grow trees all along the approach road during the first year of operation, for which proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 9,61,250 Tons (including waste) and estimated the life of mine to be 16 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 59,780 tons/ Annum (including waste).

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




292.13 Building Stone Quarry Project at Sy. No. 32/*/1 of Tavaagere Village, Kalaburagi Taluk, & Kalaburagi District (2-00 Acres) by Sri Ahsan Ahmed S/o Iqbal Ahmed - Online Proposal No.SIA/KA/MIN/407742/2022 (SEIAA 24 MIN 2023)

The proposal was already considered in agenda no. 291.53 of 291st SEAC meeting held on 13th, 14th & 15th of February 2023 and the committee had recommended the proposal to SEIAA to issue EC, but due to issue in PARIVESH 2.0. There is duplication of proposal and Appraisal is not necessary.

292.14 Grey Granite Quarry Project at Athivatti Village, Koppal Taluk & District (9-00 Acres) by Sri K. Athaullah - Online Proposal No.SIA/KA/MIN/408113/2022 (SEIAA 525 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri K. Athaullah
2	Name & Location of the Project	Grey Granite Quarry Project at Sy. No.67/P (Old Sy.No.44) Athivatti Village, Koppal Taluk & District (9-00 Acres) <div style="border: 1px solid black; padding: 5px;"> <p>N 15° 20' 08.20049" & E 76° 24' 09.24646"</p> <p>N 15° 20' 11.09311" & E 76° 24' 20.26387"</p> <p>N 15° 20' 07.47161" & E 76° 24' 21.70871"</p> <p>N 15° 20' 01.36983" & E 76° 24' 13.32113"</p> <p>N 15° 20' 05.93052" & E 76° 24' 13.30090"</p> <p>N 15° 20' 06.83711" & E 76° 24' 09.71969"</p> <p>N 15° 20' 08.10235" & E 76° 24' 27.90526"</p> <p>N 15° 19' 53.36789" & E 76° 24' 21.18559"</p> </div>
3	Type Of Mineral	Grey Granite Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government Revenue
6	Area in Acres	9-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	16,667Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 4.50 Crores (Rs. 450 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,37,598Cum(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	16,667Cum/ Annum (including waste)
11	CER Activities: 5 Years plan period shall be spend towards CER for desilting & rejuvenation a Bandi Harlapura pond at 4.0 km NW from the lease.	
12	EMP Budget	Rs. 5.40Crores (Capital Cost) &5.40 Lakhs (Recurring cost)
13	Quarry plan	21.11.2022
14	CCR from KSPCB	21.02.2023

The proposal is for expansion, for which EC was earlier issued by SEIAA on 04.12.2012 and lease was granted on 07.01.2013 with QL no. 885. The proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB on 21.02.2023.

There is an existing cart track road to a length of 540 meters connecting lease area to the all-weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry and the road connecting to the crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 6,37,598 Cu.mt(including waste) and estimated the life of mine to be coterminous with lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 16,667 Cu.mt/ Annum (including waste).

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

292.15 Building Stone Quarry Project at Yatanoor Village, Jewargi Taluk, Kalaburagi District (2-00 Acres) Sri H. P. Madhukar - Online Proposal No.SIA/KA/MIN/416204/2023 (SEIAA 53 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION										
1	Name & Address of the Projects Proponent	Sri H. P. Madhukar										
2	Name & Location of the Project	Building Stone Quarry Project at In Sy. No: 74/*/5 of Yatanoor Village, Jewargi Taluk, Kalaburagi District (2-00 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 17° 03'04.9"</td> <td>E 76° 27'38.2"</td> </tr> <tr> <td>N 17° 03'08.2"</td> <td>E 76° 27'38.2"</td> </tr> <tr> <td>N 17° 03'08.2"</td> <td>E 76° 27'40.8"</td> </tr> <tr> <td>N 17° 03'04.7"</td> <td>E 76° 27'40.8"</td> </tr> </tbody> </table>	Latitude	Longitude	N 17° 03'04.9"	E 76° 27'38.2"	N 17° 03'08.2"	E 76° 27'38.2"	N 17° 03'08.2"	E 76° 27'40.8"	N 17° 03'04.7"	E 76° 27'40.8"
Latitude	Longitude											
N 17° 03'04.9"	E 76° 27'38.2"											
N 17° 03'08.2"	E 76° 27'38.2"											
N 17° 03'08.2"	E 76° 27'40.8"											
N 17° 03'04.7"	E 76° 27'40.8"											
3	Type Of Mineral	Building Stone Quarry										
4	New / Expansion / Modification / Renewal	New										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta										
6	Area in Acres	2-00 Acres										

7	Annual Production (Metric Ton / Cum) Per Annum	78,947 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.16 Crores (Rs. 116 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	8,10,562 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	75,000 Tones/ Annum (excluding waste)
11	CER Activities: To construct Check dams.	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to GHPS school at Yatanoor village
	2nd	Rain water harvesting pits GHPS school at Yatanoor village
	3rd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	4th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5th	Health camp in GHPS school at Yatanoor village
12	EMP Budget	Rs. 24.45 lakhs (Capital Cost) & Rs. 7.15 lakhs (Recurring cost)
13	Forest NOC	16.12.2022
14	Quarry plan	18.01.2023
15	Cluster certificate	19.01.2023
16	Revenue NOC	09.12.2022
17	Notification	19.01.2023

As per the cluster sketch there is one other lease in a radius of 500 mtr from the said lease and the total area of the leases including the said lease is 4-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 281 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 8,10,562Tons (including waste) and estimated the life of mine to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 78,947tons/ Annum (including waste).

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

292.16 River Sand Quarry Project at Barimaru Sand Block, situated in Nethravathi River bed, Barimaru Village, Bantwal Taluk & Dakshina Kannada District (4-21 Acres) by Sri Chandrahas - Online Proposal No.SIA/KA/MIN/403575/2022 (SEIAA 435 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION														
1	Name & Address of the Projects Proponent	Sri Chandrahas														
2	Name & Location of the Project	River Sand Quarry Project at Barimaru Sand Block, situated in Nethravathi River bed, Sy. No. 1 of Barimaru Village, Bantwal Taluk & Dakshina Kannada District (4-21 Acres)														
		<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 12° 51' 44.74"</td> <td>E 75° 07' 34.20"</td> </tr> <tr> <td>N 12° 51' 44.01"</td> <td>E 75° 07' 38.36"</td> </tr> <tr> <td>N 12° 51' 44.93"</td> <td>E 75° 07' 38.46"</td> </tr> <tr> <td>N 12° 51' 44.65"</td> <td>E 75° 07' 30.14"</td> </tr> <tr> <td>N 12° 51' 44.88"</td> <td>E 75° 07' 28.25"</td> </tr> <tr> <td>N 12° 51' 44.44"</td> <td>E 75° 07' 28.21"</td> </tr> </tbody> </table>	Latitude	Longitude	N 12° 51' 44.74"	E 75° 07' 34.20"	N 12° 51' 44.01"	E 75° 07' 38.36"	N 12° 51' 44.93"	E 75° 07' 38.46"	N 12° 51' 44.65"	E 75° 07' 30.14"	N 12° 51' 44.88"	E 75° 07' 28.25"	N 12° 51' 44.44"	E 75° 07' 28.21"
Latitude	Longitude															
N 12° 51' 44.74"	E 75° 07' 34.20"															
N 12° 51' 44.01"	E 75° 07' 38.36"															
N 12° 51' 44.93"	E 75° 07' 38.46"															
N 12° 51' 44.65"	E 75° 07' 30.14"															
N 12° 51' 44.88"	E 75° 07' 28.25"															
N 12° 51' 44.44"	E 75° 07' 28.21"															
3	Type Of Mineral	River Sand Quarry Project														
4	New / Expansion / Modification / Renewal	New														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government														
6	Area in Acres	4-21 Acres														
7	Annual Production (Metric Ton / Cum) Per Annum	20,081 Tones/ Annum (including waste)														
8	Project Cost (Rs. In Crores)	Rs. 0.10 Crores (Rs. 10 Lakhs)														
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	20,081 Tones (including waste)														
10	Permitted Quantity Per Annum - Cu.m / Ton	19,077Tones/ Annum (excluding waste)														
11	CER Activities: To grow 400 No. of additional plantation on either side of the approach road from quarry location to Barimaru Village Road															
12	EMP Budget	Rs. 17.80 Lakhs (Capital Cost) & 4.48 Lakhs (Recurring cost)														
13	Forest NOC	27.04.2022														
14	Quarry plan	28.07.2022														
15	Cluster certificate	28.07.2022														
16	DTF	29.11.2021														
17	Notification	19.12.20219														
18	JIR depth	3 mtr														
19	LoI	11.04.2022														




The proposal is for River Bed Sand Mining. The committee sought clarification from proponent regarding method of mining proposed in compliance to Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 not to use any machinery for excavation of sand, for which the proponent informed that they have proposed manual/semi mechanized method of mining and submitted undertaking that only manual method of mining would be carried out and submitted revised manpower requirement of 53 numbers against 15 numbers for annual production of 19,077 tons considering 180 working days and 105.98 ton/day capacity i.e 2 ton/man/day and assured to provide basic facilities in stock yard such as drinking water, toilet, first aid, rest shelter etc. as per Mines Act 1952. The committee accepted the clarification and appraised the project.

There is an existing cart track road to a length of 500 meters connecting the lease area to the all-weather black topped road and the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard norms and the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for excavation of sand as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out in-stream mining and the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of September 2016 and October 2019 showing dry weather flow and informed the committee that mining operations would be carried out only in dry weather conditions.

The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. In the proposed project, the proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020. Further Committee informed the proponent, to implement wildlife conservation plan after getting it approved by competent authority and to comply with the observations/requests in Public Hearing and the proponent agreed.

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 20,081 Tones (including waste) as per the approved quarry plan, after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 20,081 Tons/annum for 5 years(including waste), after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and accepts that if any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the proponent would be held responsible.

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



292.17 Building Stone Quarry Project at Hirebagewadi Village, Belagavi Taluk & District (1-20 Acres) by Sri Kalmeshwar Stone Crusher - Online Proposal No.SIA/KA/MIN/411102/2022 (SEIAA 18 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION										
1	Name & Address of the Projects Proponent	Sri Kalmeshwar Stone Crusher										
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 393/3 & 393/6 of Hirebagewadi Village, Belagavi Taluk & District (1-20 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 15°47'27.1989"</td> <td>E 74°37'10.3968"</td> </tr> <tr> <td>N 15°47'26.7972"</td> <td>E 74°37'12.1975"</td> </tr> <tr> <td>N 15°47'23.2982"</td> <td>E 74°37'13.0967"</td> </tr> <tr> <td>N 15°47'23.1028"</td> <td>E 74°37'11.2971"</td> </tr> </tbody> </table>	Latitude	Longitude	N 15°47'27.1989"	E 74°37'10.3968"	N 15°47'26.7972"	E 74°37'12.1975"	N 15°47'23.2982"	E 74°37'13.0967"	N 15°47'23.1028"	E 74°37'11.2971"
Latitude	Longitude											
N 15°47'27.1989"	E 74°37'10.3968"											
N 15°47'26.7972"	E 74°37'12.1975"											
N 15°47'23.2982"	E 74°37'13.0967"											
N 15°47'23.1028"	E 74°37'11.2971"											
3	Type Of Mineral	Building Stone Quarry										
4	New / Expansion / Modification / Renewal	New										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta										
6	Area in Acres	1-20 Acres										
7	Annual Production (Metric Ton / Cum) Per Annum	11,224 Tones/ Annum (including waste)										
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)										
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,31,322 Tones (including waste)										
10	Permitted Quantity Per Annum - Cu.m / Ton	11,000 Tones/ Annum (excluding waste)										
11	CER Activities: To grow 150 No. of additional plantation on either side of the approach road from quarry location to Hirebagewadi Village Road											
12	EMP Budget	Rs. 9.20 Lakhs (Capital Cost) & 2.32 Lakhs (Recurring cost)										
13	Forest NOC	20.03.2021										
14	Quarry plan	05.01.2022										
15	Cluster certificate	27.09.2022										
16	Revenue NOC	02.02.2021										
17	Notification	02.12.2021										

The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that in the proposed project area no mining activities has been carried out and no illegal quarrying is mentioned in S-report issued by DMG on 04.06.2021 and informed that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.




As per the cluster sketch there are nine other leases in a radius of 500 mtr from the said lease and 05 leases are exempted from cluster as the EC was granted prior to 15.01.2016 and the total area of the remaining leases including the present lease is 11-15 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 270 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,31,322 Tones (including waste) and estimated the life of the quarry to be 21 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 11,224 Tones/ Annum (including waste).

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

292.18 Building Stone Quarry project at H.K. Halli Village, Sandur Taluk, Ballari District (4-20 Acres) by Sri Nagaraja - Online Proposal No.SIA/KA/MIN/415964/2023 (SEIAA 44 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri Nagaraja																					
2	Name & Location of the Project	Building Stone Quarry project at Sy. No.01 Part of H.K. Halli Village, Sandur Taluk, Ballari District (4.50 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">GPS READINGS</th> </tr> <tr> <th colspan="3">MAP DATUM - WGS-84</th> </tr> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N14° 58' 39.8835"</td> <td>E76° 26' 39.5650"</td> </tr> <tr> <td>2</td> <td>N14° 58' 39.8361"</td> <td>E76° 26' 44.8502"</td> </tr> <tr> <td>3</td> <td>N14° 58' 33.8173"</td> <td>E76° 26' 45.6398"</td> </tr> <tr> <td>4</td> <td>N14° 58' 36.0670"</td> <td>E76° 26' 40.6927"</td> </tr> </tbody> </table>	GPS READINGS			MAP DATUM - WGS-84			Point	Latitude	Longitude	1	N14° 58' 39.8835"	E76° 26' 39.5650"	2	N14° 58' 39.8361"	E76° 26' 44.8502"	3	N14° 58' 33.8173"	E76° 26' 45.6398"	4	N14° 58' 36.0670"	E76° 26' 40.6927"
GPS READINGS																							
MAP DATUM - WGS-84																							
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1	N14° 58' 39.8835"	E76° 26' 39.5650"																					
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3	N14° 58' 33.8173"	E76° 26' 45.6398"																					
4	N14° 58' 36.0670"	E76° 26' 40.6927"																					
3	Type Of Mineral	Building Stone Quarry																					
4	New / Expansion / Modification / Renewal	New																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government																					
6	Area in Acres	4.50 Acres																					

7	Annual Production (Metric Ton / Cum) Per Annum	6,435Cu.mt/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.75 Crores (Rs. 75 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	78,300 Cu.mt(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	6,435 Cu.mt/ Annum (including waste)
11	CER Activities: To grow 650 No. of additional plantation on either side of the approach road from quarry location to H.K. Halli Village Road	
12	EMP Budget	Rs. 8.70 Lakhs (Capital Cost) & 4.20 Lakhs (Recurring cost)
13	Forest NOC	12.02.2019
14	Quarry plan	25.11.2022
15	Cluster certificate	02.01.2023
16	Revenue NOC	08.01.2020
17	Notification	04.02.2022 (Manual means)

The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that the proposed project is in Govt. Land and the old workings have been done by the local villagers for bonafide needs through manual means and no workings have been done by the proponent and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 4.50 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 421 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry as per IRC standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 78,300 Cu.mt (including waste) and estimated the life of mine to be 12 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,435 Cu.mt / Annum (including waste).

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

292.19 Building Stone Quarry Project at Kolhar Village, Kolhar Taluk, Vijayapur District (3-00 Acres) by Sri Peermahamad K. Giragavi - Online Proposal No.SIA/KA/MIN/410434/2022 (SEIAA 547 MIN 2022)

About the project:

SLNo	PARTICULARS	INFORMATION												
1	Name & Address of the Projects Proponent	Sri Peermahamad K. Giragavi												
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 700/1 of Kolhar Village, Kolhar Taluk, Vijayapur District (3-00 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 16° 27' 40.92"</td> <td>E 75° 39' 13.27"</td> </tr> <tr> <td>N 16° 27' 40.43"</td> <td>E 75° 39' 15.22"</td> </tr> <tr> <td>N 16° 27' 35.82"</td> <td>E 75° 39' 15.21"</td> </tr> <tr> <td>N 16° 27' 35.86"</td> <td>E 75° 39' 12.51"</td> </tr> <tr> <td>N 16° 27' 38.02"</td> <td>E 75° 39' 12.12"</td> </tr> </tbody> </table>	Latitude	Longitude	N 16° 27' 40.92"	E 75° 39' 13.27"	N 16° 27' 40.43"	E 75° 39' 15.22"	N 16° 27' 35.82"	E 75° 39' 15.21"	N 16° 27' 35.86"	E 75° 39' 12.51"	N 16° 27' 38.02"	E 75° 39' 12.12"
Latitude	Longitude													
N 16° 27' 40.92"	E 75° 39' 13.27"													
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N 16° 27' 35.86"	E 75° 39' 12.51"													
N 16° 27' 38.02"	E 75° 39' 12.12"													
3	Type Of Mineral	Building Stone Quarry												
4	New / Expansion / Modification / Renewal	New												
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta												
6	Area in Acres	3-00 Acres												
7	Annual Production (Metric Ton / Cum) Per Annum	36,560 Tones/ Annum (including waste)												
8	Project Cost (Rs. In Crores)	Rs. 1.20 Crores (Rs. 120 Lakhs)												
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,47,387 Tones (including waste)												
10	Permitted Quantity Per Annum - Cu.m / Ton	36,560 Tones/ Annum (including waste)												
11	CER Activities: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS school at Kolhar Village.</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to GHPS school at Kolhar Village.</td> </tr> <tr> <td>3rd</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns in GHPS school at Kolhar Village.</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS school at Kolhar Village.</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS school at Kolhar Village.	2nd	Rain water harvesting pits to GHPS school at Kolhar Village.	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages	4th	Conducting E-waste drive campaigns in GHPS school at Kolhar Village.	5th	Health camp in GHPS school at Kolhar Village.
Year	Corporate Environmental Responsibility (CER)													
1st	Providing solar power panels to the GHPS school at Kolhar Village.													
2nd	Rain water harvesting pits to GHPS school at Kolhar Village.													
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages													
4th	Conducting E-waste drive campaigns in GHPS school at Kolhar Village.													
5th	Health camp in GHPS school at Kolhar Village.													
12	EMP Budget	Rs. 29.82 Lakhs (Capital Cost) & Rs. 7.01 Lakhs (Recurring cost)												
13	Forest NOC	13.10.2020												
14	Quarry plan	04.01.2021												
15	Cluster certificate	15.10.2022												
16	Revenue NOC	05.09.2020												
17	Notification	30.01.2021												

The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that m-sand stock from an outside cursher was dumped in the proposed area which has now been shifted outside the project site area and a trial pit was dug towards south to check the availability of building stone and soil excavated for trial pit was used for own use and hence informed that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is one lease in a radius of 500 mtr from the said lease and the total area of the leases including the said lease is 7-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 380 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 7,47,387 Tons (including waste) and estimated the life of mine to be 21 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 36,560 tons/ Annum (including waste).

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

292.20 Ornamental Stone (Pink Granite) Quarry Project at Nagara S. P. Village, Gulledgudda Taluk, Bagalkote District (3-05 Acres) by Sri Hullappa Yankappa Bandigonal - Online Proposal No.SIA/KA/MIN/415182/2023 (SEIAA 37 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION												
1	Name & Address of the Projects Proponent	Sri Hullappa Yankappa Bandigonal												
2	Name & Location of the Project	Ornamental Stone (Pink Granite) Quarry Project at Sy. Nos. 22/8, 22/9, 22/10 & 22/11 of Nagara S. P. Village, Gulledgudda Taluk, Bagalkote District (3-05 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 15° 58' 38.1"</td> <td>E 75° 49' 58.3"</td> </tr> <tr> <td>N 15° 58' 39.4"</td> <td>E 75° 50' 2.30"</td> </tr> <tr> <td>N 15° 58' 36.4"</td> <td>E 75° 50' 3.60"</td> </tr> <tr> <td>N 15° 58' 35.2"</td> <td>E 75° 49' 59.6"</td> </tr> <tr> <td>N 15° 58' 37.5"</td> <td>E 75° 49' 58.5"</td> </tr> </tbody> </table>	Latitude	Longitude	N 15° 58' 38.1"	E 75° 49' 58.3"	N 15° 58' 39.4"	E 75° 50' 2.30"	N 15° 58' 36.4"	E 75° 50' 3.60"	N 15° 58' 35.2"	E 75° 49' 59.6"	N 15° 58' 37.5"	E 75° 49' 58.5"
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N 15° 58' 35.2"	E 75° 49' 59.6"													
N 15° 58' 37.5"	E 75° 49' 58.5"													
3	Type Of Mineral	Ornamental Stone (Pink Granite) Quarry												
4	New / Expansion / Modification / Renewal	New												
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta												
6	Area in Acres	3-05 Acres												
7	Annual Production (Metric Ton / Cum) Per Annum	13,332 Cu.mt/ Annum (including waste)												
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)												

9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,01,790 Cu.mt(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,000 Cu.mt/ Annum (Recovery)
11	CER Activities: To grow 400 No. of additional plantation on either side of the approach road from quarry location to Nagara S. P.Village Road	
12	EMP Budget	Rs. 15.10 Lakhs (Capital Cost) & 5.50 Lakhs (Recurring cost)
13	Forest NOC	03.10.2017
14	Quarry plan	26.12.2022
15	Cluster certificate	07.12.2022
16	Revenue NOC	27.04.2021
17	C & I Notification	08.02.2023

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 3-05 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 330 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry as per standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,01,790 Cu.mt (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 13,332 cum / Annum (including waste).

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

292.21 Ordinary Sand Quarry Project at Hebballi Village, Badami Taluk, Bagalkot District (8-10 Acres) by Sri Qanit Hussain Mulla - Online Proposal No.SIA/KA/MIN/285302/2022 (SEIAA 236 MIN 2020)

About the project:

Sl.No	PARTICULARS	INFORMATION								
1	Name & Address of the Projects Proponent	Sri Qanit Hussain Mulla								
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 139 & 140 of Hebballi Village, Badami Taluk, Bagalkot District (8-10 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>N 15° 49' 51.0"</td> <td>E 75° 35' 50.9"</td> </tr> <tr> <td>N 15° 49' 49.2"</td> <td>E 75° 35' 55.6"</td> </tr> <tr> <td>N 15° 49' 42.5"</td> <td>E 75° 35' 57.3"</td> </tr> <tr> <td>N 15° 49' 43.1"</td> <td>E 75° 35' 51.5"</td> </tr> </table>	N 15° 49' 51.0"	E 75° 35' 50.9"	N 15° 49' 49.2"	E 75° 35' 55.6"	N 15° 49' 42.5"	E 75° 35' 57.3"	N 15° 49' 43.1"	E 75° 35' 51.5"
N 15° 49' 51.0"	E 75° 35' 50.9"									
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N 15° 49' 42.5"	E 75° 35' 57.3"									
N 15° 49' 43.1"	E 75° 35' 51.5"									
3	Type Of Mineral	Ordinary Sand Quarry								

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	8-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	57,751 Tones for 4 years (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.30 Crores (Rs. 130 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,35,502 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	57,751 Tones per year for 4 years (including waste)
11	CER Activities:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to common public places to the GHPS school at Hebbali Village.
	2nd	Rain water harvesting pits to the GHPS school at Hebbali Village.
	3rd	
	4th	Health Camps in GHPS school in the Hebbali Village
12	EMP Budget	Rs. 48.81 Lakhs (Capital Cost) & 8.60 Lakhs (Recurring cost)
13	Forest NOC	18.04.2019
14	Quarry plan	20.05.2020
15	Cluster certificate	20.05.2020
16	Revenue NOC	18.02.2019
17	DTF	27.11.2019
18	PH	26.04.2022

The committee had deferred the proposal in 285th SEAC meeting as the proponent remained absent. In the present meeting the committee noted that the proposal is for ordinary sand mining for which ToR was issued by SEIAA on 28.06.2021. Public Hearing was conducted on 26.04.2022, Proponent submitted clarification from DMG issued on 11.08.2022, informing that there is no river bed sand mining in a radius of 5 km from the proposed site area.

There is an existing cart track road to a length of 1180 meters connecting lease area to the all-weather black topped road and the committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of drain during the first year of operation and also informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,35,502Tons (including waste) and estimated the life of the quarry as 4 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 57,751 Ton/annum(including waste).

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

292.22 Building Stone Quarry Project at Sy. No. 19 of Nageshanahalli Village, Koppal Taluk, Koppal District (2-34 Acres) by Sri Prakash - Online Proposal No.SIA/KA/MIN/403942/2022 (SEIAA 446 MIN 2022)

The proposal was considered in 289th SEAC meeting and the committee had deferred the project for want of clarification from DMG with respect to old workings.

Deliberations of the committee in 289th SEAC meeting are as follows:

“The Proposal was earlier considered in 287th SEAC Meeting and the committee had recommended the proposal to SEIAA for issue of E.C. The authority in its 227th meeting referred back the proposal 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 08th December 2022. The details are as follows;

- 1. The project site is worked before obtaining the Environmental Clearance as In the Historical satellite image the workings are visible and we can see the sheets of rocks are excavated. Hence this project is in violation to the EIA Notification, 2006*
- 2. There is a nala towards east if we consider the village map of the project site for which proper buffer must be provided*

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 complaint 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”.

The committee in the 289th meeting obtained clarification as below from project proponent / consultant for the complaint received,

- 1. Complaint:The project site is worked before obtaining the Environmental Clearance as In the Historical satellite image the workings are visible and we can see the sheets of rocks are excavated. Hence this project is in violation to the EIA Notification, 2006*

Reply: The proponent informed that, there is no mining carried out in the proposed area and agreed to get clarification from DMG regarding the same.



2. Complaint: *There is a nala towards east if we consider the village map of the project site for which proper buffer must be provided*

Reply: The proponent informed that, as per village map there is water course located at 34mtr towards east from the lease area but there is no physical nala towards east.”

The proponent in the present meeting submitted the clarification from DMG issued on 17.01.2023 informing, 1. NoC's have been obtained from Revenue Dept. and Forest Dept. for Block No. 3 and for about 30 years building stone has been removed and transported by burning method and no mining activities have been carried out by the proponent. 2. There is nala towards eastern side as per village map and no physically nala was been identified in the eastern side of the identified block. Being Government Land and notification was issued recently to the proponent, committee has not considered mining activity for any violation.

The committee after discussion reiterated its decision taken in 287th SEAC meeting and decided to forward the proposal to SEIAA for necessary action.

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

292.23 Building Stone Quarry Project at Sulivara Village, Bangalore South Taluk, Bangalore Urban District (2-15 Acres) by Sri Hanumappa - Online Proposal No.SIA/KA/MIN/405287/2022 (SEIAA 634 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION										
1	Name & Address of the Projects Proponent	Sri Hanumappa										
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.59 of Sulivara Village, Bangalore South Taluk, Bangalore Urban District (2-15 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>N 12° 53.550'</td> <td>E 77° 21.345'</td> </tr> <tr> <td>N 12° 53.499'</td> <td>E 77° 21.356'</td> </tr> <tr> <td>N 12° 53.487'</td> <td>E 77° 21.334'</td> </tr> <tr> <td>N 12° 53.468'</td> <td>E 77° 21.314'</td> </tr> <tr> <td>N 12° 53.547'</td> <td>E 77° 21.302'</td> </tr> </table>	N 12° 53.550'	E 77° 21.345'	N 12° 53.499'	E 77° 21.356'	N 12° 53.487'	E 77° 21.334'	N 12° 53.468'	E 77° 21.314'	N 12° 53.547'	E 77° 21.302'
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N 12° 53.487'	E 77° 21.334'											
N 12° 53.468'	E 77° 21.314'											
N 12° 53.547'	E 77° 21.302'											
3	Type Of Mineral	Building Stone Quarry										
4	New / Expansion / Modification / Renewal	New										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government										
6	Area in Acres	2-15 Acres										
7	Annual Production (Metric Ton / Cum) Per Annum	2,04,081 Tones/ Annum (including waste)										
8	Project Cost (Rs. In Crores)	Rs.1.29 Crores (Rs. 129 Lakhs)										
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,46,026 Tones (including waste)										

10	Permitted Quantity Per Annum - Cu.m / Ton	2,00,000 Tones/ Annum (excluding waste)
11	CER Activities: To provide infrastructure facility to near by Govt. Hospital	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to the GLPS school at Sulivara Village.
	2nd	Rain water harvesting pits to GLPS school at Sulivara Village.
	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	4th	Health camp in GLPS at Sulivara Village.
	5th	
12	EMP Budget	Rs. 51.66 Lakhs (Capital Cost) & 8.81 Lakhs (Recurring cost)
13	Forest NOC	02.12.2022
14	Quarry plan	26.12.2021
15	Cluster certificate	25.07.2021
16	Revenue NOC	18.06.2015
17	Notification	19.02.2021
18	DTF	29.06.2015

The proposal was considered in 288th SEAC meeting and the committee during appraisal had sought clarifications for which the proponent informed that they will come back with clarifications.

In the present meeting the proponent informed the committee that the proposed project is in Govt. Land and the old workings have been done by the local villagers for bonafide needs through manual means and no workings have been done by the proponent and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

The proposal is for new Building Stone quarry. As per the cluster the project was categorized as B1 and ToR was issued by SEIAA on 14.01.2022 and Public Hearing was conducted on 02.09.2022 and four persons had given their views.

There is an existing cart track road to a length of 1160 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry & the road connecting to the crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation and also informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 13,46,026Tons (including waste) and estimated the life of the quarry as 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 2,04,081 Ton/annum(including waste).

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

292.24 ToR Building Stone Quarry Project at Sy. No. 188 of Marle Village, Chikkamagaluru Taluk & District (4-00 Acres) (vide QL No. 530) by Sri M. Dore - Online Proposal No.SIA/KA/MIN/408950/2022 (SEIAA 65 MIN 2023)

The proposal is for expansion in production of building stone quarry, for which EC was issued earlier by DEIAA on 03.04.2017 and lease was granted on 19.07.2017. The applied lease area is 4-00 Acres and total area considered for cluster is more than the threshold limit of 5 Ha and hence the project is categorized as B1. The notification was issued on 21.07.2015 and is quarry plan was approved on 09.03.2022.

The committee decided to recommend the proposal to SEIAA for issue of standard ToR along with the following additional TOR to conduct EIA studies along with Public Hearing. The proponent informed that they had started collecting Baseline data.

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be submitted.
2. Traffic studies.
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
5. Site specific CER and afforestation details.
6. Details of procedure followed during blasting considering adjacent leases.

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

292.25 Expansion of Mangaluru International Airport Project to enhance the passenger handling capacity upto 22.5 MPPA and cargo handling capacity upto 0.12 MTPA by M/s. Mangaluru International Airport Ltd. - Online Proposal No.SIA/KA/INFRA2/404084/2022 (SEIAA 13 CON 2023)

About the project:

1	Name & Address of the Project Proponent	Chief Airport Officer, Mangaluru International Airport Limited, Mangaluru International Airport, Bajpe Main Road, P.O.Bajpe, Dhakshin Kannada, Mangaluru,			
2	Name & Location of the Project	Mangaluru International Airport Limited (MIAL), Bajpe Main Rd, Kenjar HC, Mangaluru - 574142			
3	Schedule as per EIA Notification 2006.	7 (a)			
4	Type of development - New/ Expansion/ Modification/ Renewal And Cost of project.	Expansion Rs. 2600 Crore			
6	Plot Area (Sq.m)	Total plot area: 22,56,400 Sq.m			
		1	Total Airside	169.94	1699400
		2	Total Landside	55.70	557000
		Total Site Area		225.64	2256400

7	Built Up area (Sqm) Terminal Cargo	Terminal with future eastern expansion and New Terminal Building will be developed on the foot print area of 68,186 Sq.m with the total built-up area of approx. 1,83,221 Sq.m. While Cargo complex will be developed in total floor area of 48,600 Sq.m. Total Built up area covering airside and landside area is 366722 Sqm.																																							
9	Runway details	Runway Strip Dimension :2570 m x 150 m shifting of runway towards NE by 70m																																							
10	Taxiway system	Apron & Taxiway will be developed in an area of 34.75 Ha. Proposed 35 stands for operating code B, C and D.																																							
11	Apron	TWY G, G1, G2, G3, G4, G5, G6, G7, G8 TWY A1, A2, A3 TWY E2 TWL C1, C2, C3, D, E, E1																																							
12	Passenger handling capacity	12.3 MPPA																																							
13	Disposal of Demolition waste and or Excavated earth	<ul style="list-style-type: none"> Total Demolition Waste is estimated as 10993.26 MT. Waste will be handled inline to segregated into C&D Waste Rules 2016.																																							
14	Details of Land Use (Sqm)																																								
a.	Ground Coverage Area	<table border="1"> <tr> <td>1</td> <td>Total Airside</td> <td>169.94</td> <td>1699400</td> </tr> <tr> <td>2</td> <td>Total Landside</td> <td>55.70</td> <td>557000</td> </tr> <tr> <td colspan="2">Total Site Area</td> <td>225.64</td> <td>2256400</td> </tr> </table> <table border="1"> <tr> <td>1</td> <td>Runway</td> <td>15.12</td> </tr> <tr> <td>2</td> <td>Apron & Taxiway</td> <td>34.75</td> </tr> <tr> <td>3</td> <td>Terminal Development</td> <td>6.97</td> </tr> <tr> <td>4</td> <td>Cargo</td> <td>3.49</td> </tr> <tr> <td>5</td> <td>Support & Utility Facilities</td> <td>3.90</td> </tr> <tr> <td>6</td> <td>Road & Transportation</td> <td>16.88</td> </tr> <tr> <td>7</td> <td>Green/Open Area</td> <td>87.27</td> </tr> <tr> <td>8</td> <td>Carved Out Assets</td> <td>1.56</td> </tr> <tr> <td colspan="2">Total Area</td> <td>~169.94</td> </tr> </table>	1	Total Airside	169.94	1699400	2	Total Landside	55.70	557000	Total Site Area		225.64	2256400	1	Runway	15.12	2	Apron & Taxiway	34.75	3	Terminal Development	6.97	4	Cargo	3.49	5	Support & Utility Facilities	3.90	6	Road & Transportation	16.88	7	Green/Open Area	87.27	8	Carved Out Assets	1.56	Total Area		~169.94
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		1	Support & Utility Facilities	14.38	143800
		2	Road & Transportation	20.74	207400
		3	Green/Open Area	15.11	151100
		4	Carved Out Assets	5.47	54700
			Total Area	~55.70	557000
		<p>Inline to business needs and requirements, all required infrastructure development will be carried out according to the Master plan, for which TOR was obtained, EIA studies were conducted and submitted for Environment Clearance</p>			
b.	Kharab Land	Nil			
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	NA			
d.	Internal Roads	Details as provided in point 14 (a)			
e.	Paved area				
f.	Others Specify	NA			
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA			
h.	Total				
15	WATER				
I.	Construction Phase				
a.	Source of water	Ground Water / Tanker supply			
b.	Quantity of water for Construction in KLD	10 KLD			
c.	Quantity of water for Domestic Purpose in KLD	90 KLD			
d.	Waste water generation in KLD	80 KLD			
e.	Treatment facility proposed and scheme of disposal of treated water	Existing STP (MBBR)			
II.	Operational Phase				
a.	Total Requirement of Water in KLD	Fresh	1900		
		Recycled	1300		
		Total	3200		
b.	Source of water	<p>Rain water / Surface Water</p> <p>Total water requirement for MIA operation, as calculated for the FY-2033 will be 3200 KLD, out of which 1900 KLD will be potable water, which will be met through Rain water harvesting and Surface water and remaining 1300 KLD will be recycled water from STP.</p>			

		Primary source of potable water requirement (i.e 1.9 MLD) for the proposed project will be rainwater, which shall be conserved through providing Rainwater harvesting structure (55000 cum), which will suffice the water demand of 242 days. Remaining Water demand of 123 days, will be sourced through surface water body (Gurupura River). However in the initial phases, MIA will be extracting ground water for which KGWA approval of 219000cum/annum of Ground water is already available.
c.	Waste water generation in KLD	1610 KLD
d.	STP capacity	1800KLD
e.	Technology employed for Treatment	SBR , further eco-efficient technologies will also be explored.
f.	Scheme of disposal of excess treated water if any	Not Applicable
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	MIAL proposed to construct 5nos. of rainwater harvesting ponds and 2nos. of UG Sumps with capacity of 54,000m3 and 1000 m3 respectively.
b.	No's of Ground water recharge pits	NA
17	Storm water management plan	As a part of overall master plan, storm water management is designed in such a way to harvest the maximum water. The entire airport area is delineated into water shed catchments with 13 outfall locations.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Construction waste is estimated as 45275.3 MT. All the waste will be handled inline to 5R principles of waste management (Reduce, Reuse-Recycle-Recover-Reprocess) to avoid the disposal of waste back to the environment, and to be aligned to the vision of Zero Waste to Landfill.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	3.93 T/Day will be generated. MIAL will be installing 1 ton capacity of Organic Waste converter to handle the Biodegradable waste and further, as directed by the committee, MIAL will explore the feasibility of installation of biogas plant, based on the applicable practices and approval in aviation sector.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	5.89 T/Day will be generated. All the waste will be handled inline to 5R principles of waste management & in line to SWM rules, 2016

c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	0.5 TPA will be generated and will be handled inline to Hazardous Waste Rule 2016 amended till date.																						
d.	Quantity of E waste generation and mode of Disposal as per norms	1 TPA will be generated and will be handled inline to E-waste Rules 2016 amended till date.																						
19	POWER																							
a.	Total Power Requirement -Operational Phase	9.2 MVA																						
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	38 Nos (100% Power Backup) Ranging from 160KVA to 1250KVA																						
c.	Details of Fuel used for DG Set	300 KL																						
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<p>MIAL commits voluntarily to be a carbon neutral Airport by the FY 2025.</p> <p>For trial phase, MIAL is underway to install 110 KwP solar roof top on one of its building by December 2023, to evaluate its cost economic potential and its further feasibility.</p> <p>Further wrt MIAL's transition to 100% green energy by FY 2025, we are in the advanced stage of signing the agreement with the developer to install the Hybrid Renewable energy plant in the Western region of India.</p> <p>The renewable Hybrid energy plant, will be developed taking into consideration, year wise increased Power demand of Mangaluru International Airport.</p> <table border="1"> <thead> <tr> <th>Financial Year</th> <th>Green Energy consumption (lac kwh)*</th> </tr> </thead> <tbody> <tr> <td>FY 2024</td> <td>122</td> </tr> <tr> <td>FY 2025</td> <td>137</td> </tr> <tr> <td>FY 2026</td> <td>148</td> </tr> <tr> <td>FY 2027</td> <td>162</td> </tr> <tr> <td>FY 2028</td> <td>178</td> </tr> <tr> <td>FY 2029</td> <td>196</td> </tr> <tr> <td>FY 2030</td> <td>215</td> </tr> <tr> <td>FY 2031</td> <td>237</td> </tr> <tr> <td>FY 2032</td> <td>260</td> </tr> <tr> <td>FY 2033</td> <td>286</td> </tr> </tbody> </table> <p>(*). For the year FY 2024 – FY 2027, details are provided based on technical calculation, whereas for the year FY 2028 – FY 2033, details are provide based on proportionate calculation. The above nos may vary, on basis of actual expansion works during the year.</p>	Financial Year	Green Energy consumption (lac kwh)*	FY 2024	122	FY 2025	137	FY 2026	148	FY 2027	162	FY 2028	178	FY 2029	196	FY 2030	215	FY 2031	237	FY 2032	260	FY 2033	286
Financial Year	Green Energy consumption (lac kwh)*																							
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FY 2030	215																							
FY 2031	237																							
FY 2032	260																							
FY 2033	286																							
20	PARKING																							
a.	Parking Requirement as per norms	1125 parking nos, MLCP has overall capacity to handle 1.5 times.																						
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Proposed LOS at the Airport Entry will be of category B&for Exit it will be of category C.																						

c.	Internal Road width (RoW)	Will be developed as per the Traffic Study outcome.																									
21	CER Activities	<ol style="list-style-type: none"> 1. Conversion of airport owned conventional vehicles operated on fossil fuels to Electric vehicles & Infrastructures for EV Charging Stations, 2. Carbon Neutrality (Carbon credit purchase offset, Refrigerant transition from R22 to R32, Conversion to ABC stored pressure Fire extinguisher and others activities) 3. Other activities in the field of Education, Health, Sustainable Livelihood, Community Infrastructure & Skill development within 10 kms of the project area 																									
22	EMP details with cost. <ul style="list-style-type: none"> • Construction phase • Operation Phase 	<table border="1"> <tr> <td colspan="3" style="background-color: black; height: 80px;"></td> </tr> <tr> <td>Air & Noise Quality Management</td> <td>80</td> <td>44</td> </tr> <tr> <td>Waste Water management</td> <td>375</td> <td>21</td> </tr> <tr> <td>RWH & Water Conservation</td> <td>3100</td> <td>34</td> </tr> <tr> <td>Green Area Development</td> <td>1810</td> <td>90</td> </tr> <tr> <td>Waste management</td> <td>150</td> <td>1</td> </tr> <tr> <td>Environmental Monitoring</td> <td>35</td> <td>10</td> </tr> <tr> <td>Total</td> <td>5,550</td> <td>200</td> </tr> </table>					Air & Noise Quality Management	80	44	Waste Water management	375	21	RWH & Water Conservation	3100	34	Green Area Development	1810	90	Waste management	150	1	Environmental Monitoring	35	10	Total	5,550	200
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Environmental Monitoring	35	10																									
Total	5,550	200																									

The proposal is for expansion of Airport Project to Handle 22.5 MPPA and Cargo handling capacity of 0.12 MTPA. As per the ToR issued, earlier, Environment Clearance was given for "Construction of New Integrated Passenger Terminal Building, Apron, taxiway and associated facilities at MIA by AAI" vide F.No.10-79/2007-IA-III dated 01.11.2007.

A Concession Agreement for Operation, Maintenance, Management & Development of MIA was signed between Airports Authority of India (AAI) and Mangaluru International Airport Limited (MIAL) (Earlier known as Adani Mangaluru International Airport Limited) on 14.02.2020.

As per the concession Agreement, MIAL has been entrusted with the responsibility to operate and manage the existing airport assets and will be responsible for designing, engineering, financing, construction, upgradation and development of future airside, terminal, city side and landside infrastructure for the airport in phases and its subsequent operation and management for a 50 year concession period from the commercial date of operation (COD) 31.10.2020.




Transfer of EC from “Airports Authority of India” (AAI) TO “Adani Mangaluru International Airport Ltd” (AMIAL) has been effected vide F. No.10-79/2007-IA.III dated 3rd August 2021. Further, EC name change order has been effected in the name of “Mangaluru International Airport Ltd.” vide letter of even no. dated.16.02.2022 based on Certificate of incorporation upon change of name from Adani Mangaluru International Airport Ltd. to Mangaluru International Airport Ltd. issued by Ministry of Corporate Affairs vide document dated:09.11.2021.

As a part of concession agreement between AAI & MIAL, 236.24 ha has been allotted to MIAL for development of Mangaluru International Airport (MIA). Out of which, 4.04 ha of land will be considered for city Side development, which will be developed phase wise after obtaining required approvals. Two isolated plots with an area of 4.89 ha & 1.66 ha are excluded from this Master Plan. MIAL now proposes expansion of MIA within an area of 225.64 ha, which includes land area of 7.03 ha as a Carved out area, retained by AAI.

The proposal was considered in 290th SEAC meeting and the committee had deferred the appraisal informing the following,

“The proposal is for modification and expansion of Airport project to handle 22.5MPPA and cargo handling capacity of 0.12 MTPA. The proponent informed that they had obtained earlier EC from MoEF on 01.11.2007 and had obtained transfer of EC on 03.08.2021 and 16.02.2022 to MIAL. For the present expansion they had obtained ToR from MoEF&CC on 11.04.2022 and CCR from MoEF&CC on 22.09.2022. As per the MoEF&CC Notification dated 20.04.2022 All expansion projects, including airstrips, which are for commercial use area, under item 7(a) are to be considered as Category B projects.

During appraisal, the committee noted that as per the master plan of MIAL, the entire proposal including calculations/provisions/requirements etc. were made as per the forecast upto year 2068. The committee after discussion decided that the information provided by the proponent was not within the validity period of EC i.e for ten years and informed the proponent to revise the entire feasible details for a period of ten years.

Further the committee informed the proponent to submit clarification for the following observations,

- *To comply with ToR issued by MoEF&CC dated 11.04.2022, informing to provide rain water harvesting ponds to be developed with a capacity of 46 MLD, in an area of 23,000 sqm and used for non-potable purposes.*
- *To recalculate the capacity of STP with reference to total water demand with details of components and process proposed.*
- *Details of utilization in water balance chart clearly indicating the activities and demand instead of potable / non-potable.*
- *The water requirement has been proposed as 14ltrs per passenger per day, which is on higher side and also has not considered bottled water.*
- *The liquid waste from the aircraft is to be treated in Triturator as primary treatment and then to be pumped to STP for secondary treatment. Further the*



quantity of liquid waste from aircraft is not quantified and not factored in the capacity of STP propose.

- *For the proposed solid waste of 9.82 TPD, details of quantity and treatment technology is required i.e, a) From Employee b) From Passengers c) From Visitors d) Deplane wastee) Staff quarters f) Run-way waste management (Horticulture) g) Hazardous waste (include if washing is there) i) STP Sludge.*
- *To explore the possibilities to become water positive without dependency on ground water, by providing vented barrages, desalination plants and provisions to harvest 25 percent of total annual rainfall in the catchment etc."*

The proponent in the present meeting revised the entire proposal including calculations/provisions/requirements etc. for ten years and has submitted point wise clarification for the above clarifications sought,

- *To comply with ToR issued by MoEF&CC dated 11.04.2022, informing to provide rain water harvesting ponds to be developed with a capacity of 46 MLD, in an area of 23,000 sqm and used for non-potable purposes.*

The proponent submitted the revised details and informed that they had planned to construct 5nos. of RWH ponds with combined capacity of 54,000cum in area of 26,304sqm and 2Nos of UG sumps with combined capacity of 1000cum respectively to be used for non portable purpose.

- *To recalculate the capacity of STP with reference to total water demand with details of components and process proposed.*

Proponent submitted revised STP calculation for 2023-2033 and designed considering passengers of 12.3MPPA, for which total water requirement is 3.2MLD (Portable 1.90MLD and Recycled 1.30MLD), waste water generated is 1.61MLD, to be treated in STP of 1.80MLD capacity (existing STP 0.650 MBBR and Proposed STP of 1.15MLD of SBR technology)

- *Details of utilization in water balance chart clearly indicating the activities and demand instead of potable / non-potable.*

Proponent submitted revised utilization of water balance chart indicating the activities.

- *The water requirement has been proposed as 14ltrs per passenger per day, which is on higher side and also has not considered bottled water.*

Proponent informed the committee that utility components of MIAL has been calculated by technical consultant M/s STUP Consultants pvt. Ltd. based on the standard benchmarking of major operating airports in India and as per which, potable water requirements is calculated as 14ltr/day per passenger which includes domestic water requirement (including bottled) by passenger at Terminal and Aircrafts.

- *The liquid waste from the aircraft is to be treated in Triturator as primary treatment and then to be pumped to STP for secondary treatment. Further the quantity of liquid waste from aircraft is not quantified and not factored in the capacity of STP propose.*



Proponent informed the committee that waste water generated from aircraft is treated by Triturator as primary treatment and then pumped to STP for secondary treatment and liquid waste from the triturator is considered as a part of total waste water with quantity about 0.12MLD for passenger per day at terminal and aircraft.

- *For the proposed solid waste of 9.82 TPD, details of quantity and treatment technology is required i.e, a) From Employee b) From Passengersc) From Visitorsd) Deplane wastee) Staff quartersf) Run-way waste management (Horticulture)g) Hazardous waste (include if washing is there)i) STP Sludge.*

Proponent submitted details of waste generated and details of handling the waste and informed the committee that, 1. Waste generated from passengers, employees and visitors is 6.421TPD, 2. STP sludge waste is 1.274TPD, De-Plane waste is 1.605TPD and Horticulture waste is 0.70TPD and the biodegradable waste to be handled in OWC of 1ton capacity and additionally they will explore the feasibility of installation of biogas plant and the non biodegradable wastes to be handled in 5R (Reduce, Reuse, Recycle, Recover, Reprocess) principles of waste management to avoid the disposal of waste to environment so as to achieve zero waste to landfill and the hazardous wastes to be handled as per HWM Rules 2016.

- *To explore the possibilities to become water positive without dependency on ground water, by providing vented barrages, desalination plants and provisions to harvest 25 percent of total annual rainfall in the catchment etc.*

The proponent informed the committee that by FY 2033 they will be requiring 3.2MLD of total water, out of which 1.9MLD is portable water to be met through rainwater harvesting and surface water and remaining 1.3MLD would be from recycled water from STP. Apart from the water harvested in RWH structures, additional water demand for 123day to be sourced through surface water body(Gurupura River).

Further the proponent informed that, only during initial phase MIAL will extract ground water (KGWA approval for 219000 cum/annum) and MILA will explore the feasibility to recharge the ground water in the nearby areas and also explore the possibility in consultation with concerned department to construct vented barrages and MIAL to adopt various water conservation measures to become water positive.

The committee accepted the clarifications given by the proponent and after discussion and deliberaion decided to recommend the proposal to SEIAA for issue of EC for 225.64 Ha out of the total area of 236.24 Ha with condition to comply with the submissions made during appraisal and to comply with the observations of MoEF&CC in CCR.

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



292.26 Expansion of Commercial Building located at Ambalipura Village, Varthur Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. Primeco Realty Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/415438/2023 (SEIAA 30 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Primeco Realty Pvt. Ltd. The Hub, #8/2 & 9, Ambalipura –Bellandur, Sarjapura Main Road, Bangalore - 560103
2	Name & Location of the Project	Expansion of Commercial Building located at BBMP Khatha NO. 871/902/954/11, Survey No 11 (P) of Ambalipura Village, VarthurHobli, Bangalore East Taluk, Bangalore Urban District,
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial building Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	-
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Iblur Lake at a distance of 350m and Kaidondrahalli Lake is at 800m.
6	Plot Area (Sqm)	10,117.06 sq. m.
7	Built Up area (Sqm)	56,816.93 sq. m.
8	FAR • Permissible • Proposed	2.25 1.24
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Basement+ Ground floor + 7 Upper Floor+ Terrace Floor
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	-
11	Height Clearance	26.95 m
12	Project Cost (Rs. In Crores)	80 Crores
13	Disposal of Demolition waste and or Excavated earth	The excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4245.37 Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,338.63sq. m.
d.	Internal Roads	2000 Sqm
e.	Paved area	

f.	Others Specify	-						
g.	Parks and Open space in case of Residential Township/ Area Development Projects	500 Sqm						
h.	Total	10117.06Sqm						
15	WATER							
I.	Construction Phase							
a.	Source of water	Tankers						
b.	Quantity of water for Construction in KLD	10 KLD						
c.	Quantity of water for Domestic Purpose in KLD	5 KLD						
d.	Waste water generation in KLD	4.5 KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	Modular STP						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>108.5 KLD</td> </tr> <tr> <td>Recycled</td> <td>86.8 KLD</td> </tr> <tr> <td>Total</td> <td>195.30KLD</td> </tr> </table>	Fresh	108.5 KLD	Recycled	86.8 KLD	Total	195.30KLD
Fresh	108.5 KLD							
Recycled	86.8 KLD							
Total	195.30KLD							
b.	Source of water	BWSSB						
c.	Waste water generation in KLD	156.24 KLD						
d.	STP capacity	160 KLD						
e.	Technology employed for Treatment	SBR						
f.	Scheme of disposal of excess treated water if any	Treated water will be utilized for gardening, flushing						
16	Infrastructure for Rain water harvesting							
a.	Capacity of sump tank to store Roof run off	235 Cum						
b.	No's of Ground water recharge pits	4 Nos.						
17	Storm water management plan	Runoff contamination from the proposed project during construction shall be reduced by providing lined gutter for carrying runoff from construction areas and kerbstones and bunds to prevent runoff contamination. Baffles shall also be provided in the internal storm water drain to reduce the velocity of flowing water. The storm water drain shall be designed for non-scouring velocity.						
18	WASTE MANAGEMENT							
I.	Construction Phase							
a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kgs/day of Solid waste is generated and it is disposed to solid waste facility.						
II.	Operational Phase							
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	540.80Kgs / Day – will be taken to an Organic Waste Convertor						
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	347.2Kgs / Day will be sent to authorised recycler.						
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	0.5 TPA of hazardous waste is generated per annum. The spent oil from Diesel generators are sent to authorized recyclers.						

	d.	Quantity of E waste generation and mode of Disposal as per norms	0.3 TPA of E-waste is generated. The E waste generated is sent to authorized vendors.
19	POWER		
	a.	Total Power Requirement - Operational Phase	2400KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 1500 KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total 20.01% Savings
20	PARKING		
	a.	Parking Requirement as per norms	424 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: D towards outer ring road & C towards Bellandur road
	c.	Internal Road width (RoW)	6 m
21	CER Activities		To provide infrastructure facilities to Government Hospitals and schools in the vicinity of the project area.
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 		Construction phase Rs.: 66 lakhs + 4.20Lakhs recurring, Operation phase Rs.: 142lakhs + 14.50Lakhs recurring.

The proposal is for expansion of commercial building project, for which SEIAA had issued EC on 10.08.2021 for BUA of 31,070.03 Sqm in a plot area of 9,611.21 Sqm and now it is proposed for BUA of 56,816.93 Sqm in plot area of 10,117.06Sq. The proponent informed the committee that no construction activities has started and justified with the latest site photographs and hence have not submitted CCR and informed that they have complied with the EC conditions.

The committee during appraisal sought clarification for foot kharab as per village map and details of provisions made for harvesting rain water. The proponent informed the committee that the foot kharab passing through the project area is rerouted as per DC Order dated 23.11.2020. For harvesting rain water, the proponent submitted revised calculation, with RWH tank of 400cum total capacity for runoff from rooftop, landscape and paved areas in addition to 4 nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and to provide smart metering for individual units and the proponent agreed for all.

The proponent informed that they have made provisions to grow a total of 120 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.




The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the observation in CCR issued by MoEF&CC and to leave free public access in kharab area.

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

292.27 Building Stone Quarry Project at Kondamari Village, Nelavanki Hobli, Srinivasapura Taluk, Kolar District (8-00 Acres) by Smt. Nikitha S Vasana - Online Proposal No.SIA/KA/MIN/415688/2023 (SEIAA 68 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION												
1	Name & Address of the Projects Proponent	Smt. Nikitha S Vasana												
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 164 & 165 of Kondamari Village, Nelavanki Hobli, Srinivasapura Taluk, Kolar District (8-00 Acres) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">N 13° 28' 09.22"</td> <td style="text-align: center;">E 78° 12' 35.94"</td> </tr> <tr> <td style="text-align: center;">N 13° 28' 08.12"</td> <td style="text-align: center;">E 78° 12' 41.35"</td> </tr> <tr> <td style="text-align: center;">N 13° 28' 01.77"</td> <td style="text-align: center;">E 78° 12' 39.16"</td> </tr> <tr> <td style="text-align: center;">N 13° 28' 03.15"</td> <td style="text-align: center;">E 78° 12' 34.04"</td> </tr> </table>	N 13° 28' 09.22"	E 78° 12' 35.94"	N 13° 28' 08.12"	E 78° 12' 41.35"	N 13° 28' 01.77"	E 78° 12' 39.16"	N 13° 28' 03.15"	E 78° 12' 34.04"				
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N 13° 28' 03.15"	E 78° 12' 34.04"													
3	Type Of Mineral	Building Stone Quarry												
4	New / Expansion / Modification / Renewal	New												
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta												
6	Area in Acres	8-00 Acres												
7	Annual Production (Metric Ton / Cum) Per Annum	2,55,102 Tones/ Annum (including waste)												
8	Project Cost (Rs. In Crores)	Rs. 1.87 Crores (Rs. 187 Lakhs)												
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	53,15,104 Tones (including waste)												
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,000 Tones/ Annum (excluding waste)												
11	CER Activities: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1st</td> <td>Providing solar power panels to the GHPS school at Kondamari Village.</td> </tr> <tr> <td style="text-align: center;">2nd</td> <td>Rain water harvesting pits to Kondamari Village.</td> </tr> <tr> <td style="text-align: center;">3rd</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td> </tr> <tr> <td style="text-align: center;">4th</td> <td>Conducting E-waste drive campaigns in GHPS at Kondamari Village.</td> </tr> <tr> <td style="text-align: center;">5th</td> <td>Health camp in GHPS at Kondamari Village.</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS school at Kondamari Village.	2nd	Rain water harvesting pits to Kondamari Village.	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages	4th	Conducting E-waste drive campaigns in GHPS at Kondamari Village.	5th	Health camp in GHPS at Kondamari Village.
Year	Corporate Environmental Responsibility (CER)													
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2nd	Rain water harvesting pits to Kondamari Village.													
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages													
4th	Conducting E-waste drive campaigns in GHPS at Kondamari Village.													
5th	Health camp in GHPS at Kondamari Village.													
12	EMP Budget	Rs. 66.33 lakhs (Capital Cost) & Rs. 11.80 lakhs (Recurring cost)												
13	Forest NOC	24.08.2022												
14	Quarry plan	07.01.2023												
15	Cluster certificate	07.01.2023												
16	Revenue NOC	26.07.2022												

17	Notification	28.12.2022
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The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that as per DMG letter issued on 17.01.2023, in Sy.no. 104, lease area of 4-35Acres with QL no. 1028 granted on 10.12.2020 and during joint inspection for survey and demarcation process (Haddubasthu) of Sy. No. 164 & 165 of proponent, it was found that an area of 27 Guntas was overlapping on the area of proponent, for which the DMG has revised the notification to an extent of 4-08Acres of QL 1028 and for the mining activities carried out in 27 Guntas the DMG had collected Govt. Taxes and further DMG had informed that the proponent had not carried out mining activities in Sy. Nos. 164 and 165 to an extent of 8-00Acres. Hence, the proponent justified that the proposed project does not attract violation. Further the proponent informed that for the portion of crusher which was falling in the applied lease area, the crusher has been shifted and submitted the photos for the same. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are two other leases in a radius of 500 mtr from the said lease and the total area of the leases including the said lease is 12-08 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1230 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 53,15,104Tons (including waste) and estimated the life of mine to be 21 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,55,102 tons/ Annum (including waste).

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

292.28 Building Stone Quarry Project at Jainapur Village, Chikkodi Taluk & Belagavi District (4-09 Acres) by Smt. Rajeshwari M.Kavatagimath - Online Proposal No.SIA/KA/MIN/412422/2022 (SEIAA 74 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Rajeshwari M.Kavatagimath
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 64/4 (P) of Jainapur Village, Chikkodi Taluk & Belagavi District (4-09 Acres)

		Latitude	Longitude
		N 16° 22' 59.8991"	E 74° 33' 12.6002"
		N 16° 23' 01.1008"	E 74° 33' 12.2009"
		N 16° 23' 03.8012"	E 74° 33' 20.4006"
		N 16° 23' 01.3005"	E 74° 33' 22.1011"
3	Type Of Mineral	Building Stone Quarry	
4	New / Expansion / Modification / Renewal	New	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta	
6	Area in Acres	4-09 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	2,06,192 Tones/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,27,361 Tones (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	2,02,068 Tones/ Annum (excluding waste)	
11	CER Activities: To grow 500 No. of additional plantation on either side of the approach road from quarry location to Jainapur village Road		
12	EMP Budget	Rs. 20.60 Lakhs (Capital Cost) & 7.12 Lakhs (Recurring cost)	
13	Forest NOC	02.07.2021	
14	Quarry plan	16.07.2022	
15	Cluster certificate	19.09.2022	
16	Revenue NOC	22.06.2021	
17	Notification	06.05.2022	

The committee initially sought clarification for the present site condition as per the KML submitted by proponent. The proponent informed the committee that as per DMG letter dated 03.02.2023 a site inspection was carried on 31.01.2023 and it is recorded that in an area of 1.45 Acres in Sy. No. 64/4 about 35,262 MT of Murrum has been removed and presently water is accumulated in the pit. As per the locals present during the inspection, it was informed that the proponent had given the soil to the nearby farmers for sugar plantation. Hence, the proponent justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 4-09 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 630 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

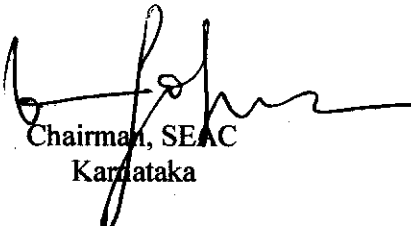
The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 13,27,361 Tons (including waste) and estimated the life of mine to be 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,06,192 tons/ Annum (including waste).

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

Meeting Concluded with vote of thanks to all.


Member Secretary, SEAC
Karnataka


Chairman, SEAC
Karnataka