Proceedings of the 281st SEAC Meeting held on 7th & 8th July- 2022

Members present in the meeting

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

Officials present

1	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 280th SEAC meeting held on 9th and 10th June 2022 was read before the committee. In Agenda No.280.12, M/s. Benaka Stone Crusher - Online Proposal No.SIA/KA/MIN/274267/2022 (SEIAA 245 MIN 2022), the committee incorporated the following changes,

" the following shall be deleted,

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

the following shall be inserted,

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

and the other content remains same."

There after the committee confirmed the proceedings.

Fresh Projects

EIA Projects

281.1 Residential Apartment Project at Sy.No.122/1 of Doddabidarakallu Village, Ward No. 40, Yeshawanthpur Hobli, Bangalore North Taluk, Bangalore Urban District byM/s.Pride & Expert Properties Pvt. Ltd. -Online Proposal No.SIA/KA/MIS/276198/2022 (SEIAA 75 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. Pride And Expert Properties Pvt. Ltd. No. 901, 9th Floor, Pride Hulkul, No.116, Lalbagh Road, Bangalore-560027
2		Name & Location of the Project	Development of Residential Apartment project, Sy.No.122/1, Doddabidarakallu Village, ward no. 40, Yeshawanthpur Hobli, Bangalore North Taluk, Bangalore
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a), as per EIA Notification 2016
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	5,234.50 Sqm
7		Built Up area (Sqm)	28,164.17 Sqm
8		FAR • Permissible	3.25
		• Proposed	3.249
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+19UF
10		Number of units/ plots in case of Construction/ Residential Township / Area Development Projects	152
11		Height Clearance	As per CCZM Bangalore, Permissible height is 1035AMSL Proposed height is 948AMSL
12		Project Cost (Rs. In Crores)	Rs. 70 Cr.
13		Disposal of Demolition waste and or Excavated earth	There is no demolition waste. Total earth excavation is about 35,000 m^3 For back filling = 15,000 m^3 For Landscape=9,000 m^3 For Internal Road formation =11,000 m^3
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	1,066.52 Sqm
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,384.00 Sqm
	d.	Internal Roads	2,783.98 Sqm
	e.	Paved area	

	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	5,234.50 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	25 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3 KLD	
	d.	Waste water generation in KLD	2 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	70
			Recycled	35
			Total	105
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	95	
	d.	STP capacity	96 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 43 KLD will be used for floor washing, given to nearby construction activities/ avenue plantation/discharged to exiting UGD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	60 cum	
	b.	No's of Ground water recharge pits	10 Nos.	
17		Storm water management plan	Storm water from paved area and landscape area is harvested in an additional tank of capacity 100cum and excess to be harvested in 10nos of recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	205 kg/day converted in to organic manure and used for garden	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	137 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler	
19		POWER		

	a.	Total Power Requirement - Operational Phase	608 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 KVA X 1 Nos. & 125 KVA X 1 Nos.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	19.08%	
20		PARKING		
	a.	Parking Requirement as per norms	167 ECS	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: B&C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	To be donated to Bannerghatta National Park	
22		EMP • Construction phase • Operation Phase	Capital investment	10.0 Lakhs
			During Construction	35.0 Lakhs/annum
			Capital investment	124.0 lakhs
			During operation	40.0 lakhs/annum

The proposal is for construction of residential apartments in an area earmarked for Industrial in a Mutation Corridor, for which the proponent informed that the proposed residential building is permitted in Mutation Corridor as per RMP of BDA.

The committee during appraisal sought details for provisions made for harvesting rain water in the proposed area. The proponent informed the committee that for harvesting rain water, the proponent has proposed 60cum capacity for runoff from rooftop and an additional tank of 100 cum capacity for runoff from landscape and paved areas in addition to 10nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area. for which the proponent agreed.

The proponent submitted revised tree linst and informed that they have made provisions to grow a total of 65 trees and to charge 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.

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

281.2 Residential Apartment project at Plot No.2, Karnataka Housing Board in Sy Nos.29, 30, 31, 32, 33, 37, 38, 39, 40/1, 40/2, 40/3, 42/2, 42/2A & 42/4C of Huskur Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. United Projects - Online Proposal No.SIA/KA/MIS/276131/2022 (SEIAA 76 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. United Projects, Sy.No.106/2, Doddabanahalli Village, Bidarahalli Hobli, Bengaluru-560049.
2		Name & Location of the Project	Development of Residential Apartment project Plot No.2, Karnataka Housing Board in Sy Nos. 29, 30, 31, 32, 33, 37, 38, 39, 40/1, 40/2, 40/3, 42/2, 42/2A & 42/4C, Huskur Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a), as per EIA Notification 2016
	b.	Residential Township/ Area Development Projects	a) Hoskote lake is adjacent to the project site on eastern side; b) Nala is in south side of the project site
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	19,008.38 Sqmt
7		Built Up area (Sqm)	67,767.72 Sqmt
8		FAR • Permissible	3.0
		• Proposed	2.802
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A: B+G+14 UF; Block B: G+2 UF: club house
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	434 Nos.
11		Height Clearance	As per CCZM Bangalore, permissible top elevation is 1035AMSL and proposed top elevation is 911.94AMSL
12		Project Cost (Rs. In Crores)	Rs. 60 Cr.
13		Disposal of Demolition waste and or Excavated earth	There is no demolition waste. Total earth excavation is about 15,000 m^3 For back filling = 8,000 m^3 For Landscape=2,000 m^3 For Internal Road formation =5,000 m^3
14		Details of Land Use (Sqm)	

	a.	Ground Coverage Area	4,127.11 Sqm	
	b.	Kharab Land	NA	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,892.48 Sqm	
	d.	Internal Roads	8,988.79 Sqm	
	e.	Paved area		
	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	19,008.38 Sqmt	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3 KLD	
	d.	Waste water generation in KLD	2 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	197
			Recycled	98
			Total	295
	b.	Source of water	Gramapanchayath	
	c.	Wastewater generation in KLD	266	
	d.	STP capacity	270 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 105 KLD will be used for floor washing, given to nearby construction activities/ avenue plantation	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	100 cum	
	b.	No's of Ground water recharge pits	15 Nos.	
17		Storm water management plan	Storm water from paved area and landscape area is harvested in a additional tank of capacity 100cum and excess to be harvested in 15nos of recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	586 kg/day converted in to organic manure and used for garden	

	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	391 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	150 ltrs given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given toPCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	1736 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 2 Nos.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	23.0%	
20		PARKING		
	a.	Parking Requirement as per norms	477 Nos.	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	Adjacent water body rejuvenation and Drain stabilization.	
22		EMP • Construction phase • Operation Phase	Capital investment	10.0 Lakhs
			During Construction	35.0 Lakhs/annum
			Capital investment	124.0 lakhs
			During operation	40.0 lakhs/annum

The proposal is for construction of residential apartments in an area earmarked for residential use as per Hoskote Local Planning Area.

The committee during appraisal sought clarification for water body and drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that there is water body in east, to which a buffer of 30mtr is proposed from the edge of water body and had proposed 9mtr buffer from edge of the drain in southern side. For harvesting rain water, the proponent has proposed 100cumcapacity for runoff from rooftop and an additional tank of 100 cum capacity for runoff from landscape and paved areas in addition to 15nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent submitted revised tree lint and informed that he has made provisions to grow 235 trees and to charge 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.

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

281.3 Residential Apartment including Club House Project at Municipal No. 8/16/2, Ward No. 5-Jakkur (Portion of Sy No 16) Thirumenahalli Village, Yelahanka Hobali, Bnagalore North Taluk, Bangalore Urban District by M/s. Goyal Hariyana enterprises - Online Proposal No.SIA/KA/MIS/277005/2022 (SEIAA 78 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. Goyal Hariyana Enterprises # 206, Barton Centre 84 M G Road, Bangalore-560001
2		Name & Location of the Project	Development of Residential Apartment project At Municipal No. 8/16/2, WARD No. 5-Jakkur (Portion of Sy No 16) Thirumenahalli Village, Yelahanka Hobali, Bnagalore North Taluk, Bangalore.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project along with Club House Category 8(a) as per EIA Notification 2006.
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	24,600.45 sqm.
7		Built Up area (Sqm)	1,18,708.76 sqm
8		FAR • Permissible	3.0
		• Proposed	3.0
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	4 towers: 2 Basement +Ground+14 Upper Floors 3 towers: 2 Basement +Ground+13 Upper Floors Club House is Basement +Ground +3 Floors
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	705 Nos.

11		Height Clearance	As per CCZM Bangalore, permissible top elevation is 1010m AMSL and proposed top elevation is 965m AMSL	
12		Project Cost (Rs. In Crores)	Rs. 200 Cr.	
13		Disposal of Demolition waste and or Excavated earth	There is no demolition waste. Total earth excavation is about 72,000 m^3 For back filling = 30,000 m^3 For Landscape=20,000 m^3 For Internal Road formation =22,000 m^3	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	4,339.68 Sqm	
	b.	Kharab Land	NA	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,543.0 Sqm	
	d.	Internal Roads	14,717.32 Sqm	
	e.	Paved area		
	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	24,600.45 sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	316
			Recycled	160
			Total	476
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	380KLD	
	d.	STP capacity	400 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 170 KLD will be used for floor washing, given to nearby construction activities/ avenue plantation	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	300 cum	
	b.	No's of Ground water recharge pits	15 Nos.	
17		Storm water management plan	Storm water from paved area and landscape area is harvested in pond of capacity 2x150cum and excess to be harvested in 15nos of recharge pits.	

18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	951 kg/day converted in to organic manure and used for garden	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	635 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	80-150 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given toPCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	2000 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 1 No.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	22.8%	
20		PARKING		
	a.	Parking Requirement as per norms	805 Nos.	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : B&C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	Thindlu Govt School Infrastructure Development	
22		EMP • Construction phase • Operation Phase	Capital investment	15.0 Lakhs
			During Construction	37.0 Lakhs/annum
			Capital investment	340.0 lakhs
			During operation	45.0 lakhs/annum

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

The committee during appraisal sought details for harvesting rain water in the proposed area and management of excavated soil. The proponent informed the committee that for harvesting rain water, the proponent has proposed 300cum capacity for runoff from rooftop and a pond of capacity 2x150cumfor runoff from landscape and paved areas in addition to 15nos recharge pits within the project area and the proponent informed that excavated earth of 72,000cum to be completely used within the project area and assured that no earth to be transported out of the site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent submitted revised tree lint and informed that he has made provisions to grow 307trees and to charge 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.

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

281.4 Residential Apartment and a Club House Project at 78/1 of Rachenahalli Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District (SEIAA 82 CON 2022) M/s. SB Urbanscapes SIA/KA/MIS/277740/2022

About the project:

Sl.No.		PARTICULARS	INFORMATION
1.		Name & Address of the Project Proponent	Mr. Rajagopal Desu, Managing Partner M/s. SB Urbanscapes No.22,Ganapathi Complex, 3rd Floor, 9th 'A' Main Road,46th Cross, Jayanagar, 5th Block,Bengaluru-560 011.
2.		Name & Location of the Project	"Residential Apartment and a Club House" Sy. No. 78/1, Rachenahalli Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District - 560 064.
3.		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and a Club House Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4.		New/~~Expansion/ Modification/ Renewal~~	New
5.		Water Bodies/ Nalas in the vicinity of project site	Rachenahalli Lake is on western side of the site which is at a distance of 47.52 m from the project boundary. There is a drain in western side of the project site at a distance of 43.56 m from center to the site boundary
6.		Plot Area (Sqm)	10,218.10Sqm
7.		Built Up area (Sqm)	36,887.45 Sqm
8.		FAR • Permissible • Proposed	2.25 2.24

9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Blocks BF+GF+8UF club house BF+GF+4UF		
10.	Number of units/plots in case of Construction/Residential Township/Area Development Projects	160nos		
11.	Height Clearance	As per CCZM, the permissible height is 69 m AMSL and the height achieved for our proposed building is2 6.95 m.		
12.	Project Cost (Rs. In Crores)	Rs. 59.56 Crores		
13.	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity –10,000m^3 For Backfilling – 3200m^3 For Landscaping – 3463m^3 For internal driveway &hardscape– 1991 m^3 For site formation - 1346 m^3		
14.	Details of Land Use (Sqm)			
a.	Ground Coverage Area	4,266.68Sqm		
b.	Kharab Land	-		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,462.91 Sqm		
d.	Internal Roads	2,488.51 Sqm (Internal driveway & services area)		
e.	Paved area	--		
f.	Others Specify	--		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--		
h.	Total	10,218.10 Sqm		
15.	WATER			
I.	Construction Phase			
a.	Source of water	The domestic water requirement will be met from external water suppliers and water requirement for construction purpose will be met by STP tertiary treated water.		
b.	Quantity of water for Construction in KLD	21 KLD		
c.	Quantity of water for Domestic Purpose in KLD	7.0KLD		
d.	Waste water generation in KLD	5.6KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be is proposed to be treated in mobile STP and treated water will be used for landscaping/dust suppression within the site.		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	74KLD	
		Recycled	38KLD	

			Total	112KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	90KLD	
	d.	STP capacity	100KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 24KLD will be used for avenue plantation/construction works.	
16.		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	110 m^3	
	b.	No's of Ground water recharge pits	08Nos.	
17.		Storm water management plan	Storm water runoff from driveway & services will be collected in a pond of capacity 50 cum. Runoff from landscape area will be routed to Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site.	
18.		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to outside vendors. Construction debris -37 m^3 This will be reused within the site for road and pavement formation.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	163 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	245 kg/day Recyclable wastes will be handed over to authorized waste recyclers.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 88.70 l/annum (0.243 l/ running hour of DG) Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.	
19.		POWER		
	a.	Total Power Requirement - Operational Phase	753 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA -1 No.	
	c.	Details of Fuel used for DG Set	104.76 l/hr	
	d.	Energy conservation plan and Percentage of savings including	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in	

		plan for utilization of solar energy as per ECBC 2007	Lifts etc., Total savings is 27 %		
20.		PARKING			
	a.	Parking Requirement as per norms	285ECS		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Modified after 3 years
			Rachenahalli Road	0.22B	0.33B
	c.	Internal Road width (RoW)	12.10 mtr		
21.		CER Activities	Development of walkway and installation of solar lights all around the Rachenahalli Lake		
22.		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 5.5Lakh Construction – 53.10 Lakh During Operation: Capital investment – 91.0Lakh Operation Investment – 29.0 Lakh/annum		

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

The committee during appraisal sought clarification for water body and drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that there is water body in north west at a distance of 47.52mtrs to the project boundary and secondary drain in north west which is at a distance of 43.56mtr to project boundary from center of the drain. For harvesting rain water, the proponent has proposed 110cum capacity for runoff from rooftop and a pond of capacity 50cum capacity for runoff from landscape and paved areas in addition to 8nos recharge pits within the project area and there is an existing road for the foot kharab in north. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that he has made provisions to grow 128 trees and to charge 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.

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

281.5 Residential Apartment and a Club House Project at Sy. No.60/1 of Kodathi Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Mana Projects Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/277796/2022 (SEIAA 83 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Mr. Kishore Kumar. H Vice President – Business Development M/s. Mana Projects Private Limited No. 20/7, "Swamy Legato", 3rd Floor, Kadubeesanahalli, Marathahalli Outer Ring Road, Bengaluru – 560 103
2		Name & Location of the Project	Development of "Residential Apartment and a Club House" Project, Sy. No. 60/1, Kodathi Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment& a Club House Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/~~Expansion/ Modification/ Renewal~~	New
5		Water Bodies/ Nalas in the vicinity of project site	There is a tertiary drain on eastern side of the project site boundary and kunte on northern side of the project site
6		Plot Area (Sqm)	28,226.43Sqm
7		Built Up area (Sqm)	62,017.70Sqm
8		FAR • Permissible • Proposed	 2.25 1.51
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1 & 3 in 2BF+GF+28UF, Tower 2 in 2BF+GF+20UF Club House in 2BF+GF+1UF
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	292Nos
11		Height Clearance	As per CCZM, the permissible height is 102 m AMSL and the height achieved for our proposed building is 88 m.
12		Project Cost (Rs. In Crores)	Rs.134.98Crores
13		Disposal of Demolition waster and or Excavated earth	Demolition waste debris of quantity 700 m^3 will be used for internal road / driveway & Approach road formation.

		Total Excavated earth quantity –25,035m^3 For Backfilling – 6,047m^3 For Landscaping – 10,569 m^3 For Driveway & hardscape – 8,419 m^3		
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	2,721.27 Sqm	
	b.	Kharab Land	-	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,549.50Sqm	
	d.	Internal Roads	5,870.84Sqm	
	e.	Paved area		
	f.	Others Specify	CA area – 1,411.32 Sqm Services & Surface parking area – 1,164.00 Sqm Future development – 9,509.50 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	28,226.43 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	29KLD	
	c.	Quantity of water for Domestic Purpose in KLD	9KLD	
	d.	Waste water generation in KLD	8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and treated in mobile STP.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	151KLD
			Flushing	77 KLD
			Total	228 KLD
	b.	Source of water	Kodathi Gram Panchayath	
	c.	Wastewater generation in KLD	205 KLD	
	d.	STP capacity	250 KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 75 KLD for future development construction works.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	70 Cum	
	b.	No's of Ground water recharge pits	12 Nos.	
17		Storm water management plan	Water pond of 100 cum capacity will be provided and will be used for domestic purpose.	

			Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on southern side of the project site.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -62 m^3 This will be reused within the site for road and pavement formation.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	332kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	499kg/day Recyclable wastes will be handed over to authorized waste recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:141.912 L/Annum (0.3888 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19		POWER	
	a.	Total Power Requirement - Operational Phase	1075 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	400 kVA – 2Nos
	c.	Details of Fuel used for DG Set	167.62 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc Total savings is 25 %
20		PARKING	
	a.	Parking Requirement as per norms	350 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road: Towards: Existing: Changed Gopalakrishna Adiga Road: A: B Gattahalli Road: B: B Sarjapura main Road: Sarjapura: D: B Sarjapura main Road: ORR: D: B
	c.	Internal Road width (RoW)	12 m wide road
21		CER Activities	Development of walkway and installation of solar

		lights all around the Hadosiddapura lake
22	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 6.19Lakh Construction – 57.53 Lakh During Operation: Capital investment – 125.00 Lakh Operation Investment – 26.50 Lakh/annum

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

The committee during appraisal sought clarification for water body and drain as per village map, railway line and HT line as per RMP of BDA and provisions for harvesting rain water in the proposed area. The proponent informed the committee that there is water body in north is a kunte, which is at a distance of 32mtrs from edge to project boundary and 15mtr buffer is proposed to the tertiary drain in east. For the railway line in east, a buffer of 30mtr is left to the building line and for the valley zone in north, no construction activity is proposed and 9mtr from the edge for the HT line in south side. For harvesting rain water, the proponent has proposed 70cum capacity for runoff from rooftop and a pond of capacity 100cum capacity for runoff from landscape and paved areas in addition to 12nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that 89 trees are to be removed and 111 trees to be retained and a total of 464trees to be grown 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.

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

281.6 Development of Residential Building at Survey No's. 48/1, 48/2, 49/1, 49/2, 50/2 of Chikkagubbi Village, Bangalore East Taluk, Bangalore Urban District by M/s. RADIANCE REALTY DEVELOPERS INDIA LIMITED - Online Proposal No.SIA/KA/MIS/272536/2022 (SEIAA 63 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. R. Vinayagamurthy Authorized Signatory M/s. Radiance Realty Developers India Limited Empire Infantry, # 29, Ground floor, Infantry Road, Bengaluru – 560 001

2		Name & Location of the Project	Construction of Residential Building located at Survey No's. 48/1, 48/2, 49/1, 49/2, 50/2 of Chikkagubbi Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru District, Karnataka
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential apartment project Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	Not Applicable
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	47,044.71 Sqm
7		Built Up area (Sqm)	71,650 Sqm
8		FAR • Permissible • Proposed	 2.00 0.99
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	6 Blocks :, • Block A: Wing (1-6) - G+3F – 13.1m • Block B & C: Wing (7-13) - G+2F – 9.9m • Block D, E & F: B+G+4F – 14.95m
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	294nos
11		Height Clearance	Project site elevation – 905 m Building Height – 14.95 m Maximum building height - 919.95 m Maximum height as per CCZM 1035 m
12		Project Cost (Rs. In Crores)	205.8 Crores.
13		Disposal of Demolition waste and or Excavated earth	NA
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	20549.4 Sqm
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	17128.79 Sqm
	d.	Internal Roads	--
	e.	Paved area	5130.23 Sqm
	f.	Others Specify	Road widening area - 114.29 Sqm CDP road area - 1163.46 Sqm Civic amenities - 2353.54 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--

	h.	Total	47044.71 sqm	
15		**WATER**		
	I.	Construction Phase		
	a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
	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	4.5 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	171 KLD
			Recycled	82 KLD
			Total	253 KLD
	b.	Source of water	Kannur gram panchayath and borewell	
	c.	Waste water generation in KLD	215 KLD	
	d.	STP capacity	115 & 135 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 204 KLD (95% of sewage water) For flushing – 82 KLD For gardening –103 KLD For car washing- 19 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	618Cum	
	b.	No's of Ground water recharge pits	69 no's	
17		Storm water management plan	A pond of 300cum capacity to be provided to 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 –293 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 12.5 kg/day will be reused as manure for greenery development purposes.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 439 kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.	
	c.	Quantity of Hazardous Waste	Waste oil of 800 l/annum will be generated from	

		generation and mode of Disposal as per norms	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 – 2657 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X100KVA, 3X330KVA
	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 47.3%
20		PARKING	
	a.	Parking Requirement as per norms	444ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS Towards Bagaluru – A LOS Towards Kalyan nagar – A
	c.	Internal Road width (RoW)	Approach road width – 9.98 m Internal road width – 4 m
21		CER Activities Proposed	Rejuvenation ofDoddagubbi lakeand Smart class facility (Desktop-3 No's, Laptop-2 No., Projector with screen-2 No.) for Bidarahalli Government school.
22		EMP • Construction phase • Operation Phase	Construction phase – 16.9 lakh and 0.95Lakhs recurring. Operational Phase – 291.2 lakh and 27lakhs recurring.

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

The committee during appraisal sought clarification for foot kharab and cart track road as per village map, road passing in center as per RMP of BDA and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the cart track road is existing public road in eastern side and for the foot kharab passing along north-east to south-west is left for free access to public and for the road passing in center as per RMP of BDA from north to south, is left as it is. For harvesting rain water, the proponent has proposed 618cum capacity for runoff from rooftop and a pond of capacity 300cum capacity for runoff from landscape and paved areas in addition to 69nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that they have made provisions to grow 729trees 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 leave free access to public in kharab area with no gated community.

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

281.7 Grey Granite Quarry Project at Sy. Nos. 222/1, 222/6, 222/7 & 222/9 of Kallur Village, Kustagi Taluk, Koppal District (4-29 Acres) by Sri Manjunath. Ningappa. Kademani- Online Proposal No.SIA/KA/MIN/271207/2022 (SEIAA 223 MIN 2022)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td colspan="2">INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td colspan="2">Sri Manjunath. Ningappa. Kademani</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td colspan="2">Grey Granite Quarry Project at Sy. Nos. 222/1, 222/6, 222/7 & 222/9 of Kallur Village, Kustagi Taluk, Koppal District (4-29 Acres)
<table>
<tr><th>Boundary Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N15°32'26.45"</td><td>E76°01'11.20"</td></tr>
<tr><td>B</td><td>N15°32'26.24"</td><td>E76°01'08.84"</td></tr>
<tr><td>C</td><td>N15°32'34.18"</td><td>E76°01'08.42"</td></tr>
<tr><td>D</td><td>N15°32'34.76"</td><td>E76°01'10.74"</td></tr>
<tr><td>E</td><td>N15°32'31.90"</td><td>E76°01'11.20"</td></tr>
<tr><td colspan="3">Map Datum: WGS-84</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td colspan="2">Grey Granite Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td colspan="2">New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td colspan="2">Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td colspan="2">4-29 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td colspan="2">24,071.76 Cu.mt./ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td colspan="2">Rs. 1.29 Crores (Rs. 129 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td colspan="2">1,66,793 Cu.mt (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td colspan="2">24,071.76Cu.mt./ Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="3">CER Activities:
• Proposed to grow 250nos of additional plantation on either side of the approach road from quarry location within a year.</td></tr>
<tr><td>12</td><td>EMP Budget</td><td colspan="2">Rs. 8.64Lakhs (Capital Cost) & 9.52 Lakhs (Recurring cost for 5 years)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td colspan="2">08.11.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td colspan="2">18.01.2022</td></tr>
</table>

15	Cluster certificate	10.02.2022
16	Revenue NOC	24.11.2021
17	DTF	26.11.2021
18	Letter of Intent	16.12.2021

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 9-29 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 300 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 1,66,793 Cu.mt (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 19 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 24,071.76Cu.mt/ Annum (including waste).

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

281.8 Building Stone Quarry Project at Sy. No. 67/4 of Alur Village, Anagodu Hobli, Davanagere Taluk, Davanagere District (1-27 Acres) by Sri Shivashankar - Online Proposal No.SIA/KA/MIN/276465/2022 (SEIAA 253 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Shivashankar
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 67/4 of Alur Village, Anagodu Hobli, Davanagere Taluk, Davanagere District (1-27 Acres) GPS CO-ORDINATES Sl. No. / Latitude / Longitude 1 / N 14° 30' 03.1540" / E 76° 02' 13.8941" 2 / N 14° 30' 04.5931" / E 76° 02' 16.4010" 3 / N 14° 30' 02.4452" / E 76° 02' 17.7001" 4 / N 14° 30' 01.9726" / E 76° 02' 15.1350" WGS-84
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	1-27 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	71,429 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.09 Crores (Rs. 109 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,85,935 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	71,429 Tons/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Alur Village
2nd	The Proponent Propose to Distribute nursery plants at Alur Village & Strengthening of approach road.
3rd	Conducting E-waste drive campaigns in the Alur Village
4th	Rain Water harvesting of GHPS school at Alur Village
5th	Health camps in GHPS school at Alur Village

12	EMP Budget	Rs. 50.94 Lakhs (Capital Cost) & 7.14 Lakhs (Recurring cost)
13	Forest NOC	31.03.2022
14	Quarry plan	22.04.2022
15	Cluster certificate	10.05.2022
16	Revenue NOC	29.03.2022
17	Notification	07.04.2022

As per the cluster sketch there are 08 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the said leas is 10-07 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1350 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

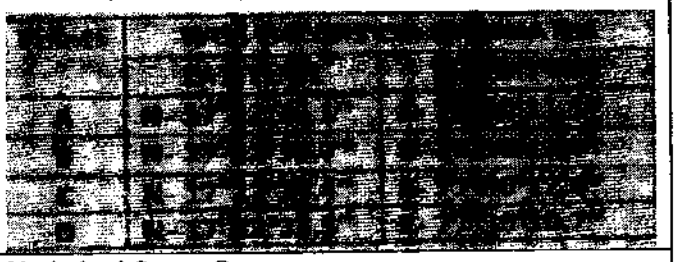
The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 3,85,935 Tonnes (including waste)as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 71,429 Tons/ Annum (including waste).

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

281.9 Shahabad Stone Quarry Project at Sy. No. 162/2 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) bySri Venkatesh S/o Anjayya - Online Proposal No. SIA/KA/MIN/276853/2022 (SEIAA 260 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Venkatesh S/o Anjayya
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 162/2 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) 
3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	2476.1 Cu.mt/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.92 Crores (Rs. 92 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,385 Cu.mt. (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2476.1 Cu.mt/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS at Miriyan Village
2nd	Rain Water harvesting of GHPS in Miriyan Village
3rd	Health camps in GHPS in Miriyan Village
4th	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages
5th	Scientific Support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 53.36 Lakhs (Capital Cost) & 5.39 Lakhs (Recurring cost)
13	Forest NOC	01.06.2021
14	Quarry plan	23.07.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	17.04.2021
17	Notification	07.06.2021

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 2-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1510 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 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.

Considering the proved mineable reserve of 21,385 Cu.mt(including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2476.1 Cu.mt/ Annum (including waste).

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

281.10 Building Stone Quarry Project at Sy. No. 130 of K.B.Hosahalli Village in Kolara Taluk, Kolara District (1-00 Acre) by Sri Lakshminarayana - Online Proposal No.SIA/KA/MIN/276847/2022(SEIAA 261 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Lakshminarayana
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 130 of K.B.Hosahalli Village in Kolara Taluk, Kolara District (1-00 Acre) LATITUDE / LONGITUDE 13° 7'11.36"N / 77°58'39.57"E 13° 7'10.95"N / 77°58'40.83"E 13° 7'13.68"N / 77°58'43.05"E 13° 7'14.03"N / 77°58'41.73"E
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	24,708.6 Tonnes/ 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	1,30,514 Tonnes (including waste)

10	Permitted Quantity Per Annum - Cu.m / Ton	24,708.6 Tonnes/ Annum (including waste)
11	**CER Activities:** • Propose take up 100 No. of additional plantation on either side of the approach road from quarry location to K.B.Hosahalli Village Road	
12	EMP Budget	Rs. 9.70 Lakhs (Capital Cost) & 2.26 Lakhs (Recurring cost)
13	Forest NOC	19.07.2016
14	Quarry plan	18.04.2022
15	Cluster certificate	23.05.2022
16	Revenue NOC	04.08.2016
17	Notification	08.01.2004
18	Audit Report	25.05.2022

The proposal is for renewal of building stone quarry project. The proponent submitted audit report certified by DMG till 2021-22 and proponent informed that no mining activities had been carried out after the expiry of the earlier lease. As the present lease was granted in 16.02.2004,it is exempted from cluster and hence the project is categorized as B2.

There is an existing cart track road to a length of 430 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 1,30,514 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 24,708.6 Tonnes/ Annum (including waste).

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

281.11 Building Stone Quarry Project at Sy. No. 43 (p) of Chikkanagavalli Village, Chikkaballapura Taluk & District (1-30 Acres) by M/s. S.L.N. Enterprises - Online Proposal No.SIA/KA/MIN/254348/2022 (SEIAA 37 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. S.L.N. Enterprises

2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 43 (p) of Chikkanagavalli Village, Chikkaballapura Taluk & District (1-30 Acres) Corner Pillar / Latitude / Longitude BP-A / N 13° 36'26.6" / E 77° 45'37.6" BP-B / N 13° 36'25.6" / E 77° 45'40.1" BP-C / N 13° 36'22.9" / E 77° 45'39.1" BP-D / N 13° 36'24.2" / E 77° 45'36.7"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-30 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	86,734 Tonnes/ 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	4,44,135 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	86,734 Tonnes/ Annum (including waste)
11	**CER Activities:** • Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Chikkanagavalli Village Road.	
12	EMP Budget	Rs. 14.8 Lakhs (Capital Cost) & 3.6 Lakhs (Recurring cost)
13	Quarry plan	06.12.2021
14	Cluster certificate	22.12.2021
15	Audit Report	11.03.2022
16	CCR – KSPCB	11.04.2022

The proposal is for expansion, wherein EC was issued on 17.07.2019 and lease was granted on 20.02.2020. The proponent had submitted certified compliance report from KSPCB dated 11.04.2022 and audit report certified by DMG Authorities till 2021-22.

There is an existing cart track road to a length of 900 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation and also to comply with the observations made by KSPCB in Certified Compliance Report, 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.

Considering the proved mineable reserve of 4,44,135 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after

discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 86,734 Tonnes / Annum (including waste).

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

281.12 Building Stone Quarry Project at Sy. Nos. 85/3 & 85/5 of Karle Village Belagavi Taluk & District (3-23 Acres) by M/s. Unity Associates - Online Proposal No.SIA/KA/MIN/270207/2022 (SEIAA 207 MIN 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Unity Associates
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 85/3 & 85/5 of Karle Village Belagavi Taluk & District (3-23 Acres)

P. No.	Latitude	Longitude
A	N15°47'22.6004"	E 74°24'17.8003"
B	N15°47'22.9998"	E 74°24'19.4006"
C	N15°47'24.1996"	E 74°24'18.4003"
D	N15°47'25.9015"	E 74°24'20.0005"
E	N15°47'28.7993"	E 74°24'19.8002"
F	N15°47'28.2989"	E 74°24'16.3011"

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	3-23 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,05,929.4 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	10,29,648 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,05,929.4 Tonnes/ Annum (including waste)
11	**CER Activities:** • Propose take up 400 No. of additional plantation on either side of the approach road from quarry location to Karle Village Road	
12	EMP Budget	Rs. 21.75 Lakhs (Capital Cost) & 5.63 Lakhs (Recurring cost)
13	Forest NOC	20.08.2020
14	Quarry plan	12.04.2022
15	Cluster certificate	20.04.2022
16	Revenue NOC	30.06.2020
17	Notification	23.03.2022

As per the cluster sketch there is no other lease and the area of the proposed lease is 3-23Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 410 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 10,29,648 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,05,929.4 Tonnes / Annum (including waste).

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

281.13 Building Stone Quarry Project at Sy. Nos. 40/11 B & 40/22, 38 - Kalthur Village, Brahmavara Taluk, Udupi District (1-00 Acre) by M/s. M N Stone Crushers - Online Proposal No.SIA/KA/MIN/277369/2022 (SEIAA 268 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. M N Stone Crushers
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 40/11 B & 40/22, 38 - Kalthur Village, Brahmavara Taluk, Udupi District (1-00 Acre) GPS READING OF CORNER PILLARS CORNER PILLAR / LATITUDE / LONGITUDE BP-A N13°27'16.43" E74°54'46.94" BP-B N13°27'18.20" E74°54'47.87" BP-C N13°27'18.00" E74°54'49.60" BP-D N13°27'16.24" E74°54'50.460 MAP DATUM - WGS-84
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	47,368 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.98 Crores (Rs. 98 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,52,337 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	47,368 Tonnes/ Annum (including waste)

11	**CER Activities:**	
	Year	**Corporate Environmental Responsibility (CER)**
	1st	Providing Solar Power Panels is GLPS school at Balle Bail Village
	2nd	Rain Water harvesting of GLPS school at Balle Bail Village
	3rd	Conducting E-waste drive campaigns at GLPS school at Balle Bail Village
	4th	Scientific Support and awareness to local farmers to increase yield of crop and fodder
	5th	Health camps in GLPS school at Balle Bail Village
12	EMP Budget	Rs. 38.36Lakhs (Capital Cost) & 6.76 Lakhs (Recurring cost)
13	Forest NOC	22.04.2022
14	Quarry plan	03.06.2022
15	Cluster certificate	06.06.2022
16	Revenue NOC	13.08.2021
17	Notification	05.05.2022

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 2.60 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1020 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 2,52,337 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 47,368 Tonnes / Annum (including waste).

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

281.14 Building Stone Quarry Project at Sy. Nos. 40/15, 40/11B & 40/5A 38- Kalthur Village, Brahmavara Taluk, Udupi District (1-60 Acres) by M/s. M N Stone Crushers - Online Proposal No.SIA/KA/MIN/277428/2022 (SEIAA 269 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. M N Stone Crushers
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 40/15, 40/11B & 40/5A 38- Kalthur Village, Brahmavara Taluk, Udupi District (1-60 Acres)

		Corner Pillar / Latitude / Longitude A N 13° 27' 10.84" [illegible] B N 13° 27' 08.80" [illegible] C N 13° 27' 12.80" [illegible] D N 13° 27' [illegible] MAP DATUM – WGS84 DATUM
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	1.60 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	73,684 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.12 Crores (Rs. 112 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,78,821 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	73,684 Tonnes/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GLPS at BalleBail Village
2nd	Rain Water harvesting of GLPS at Balle Bail Village
3rd	Health camps in GLPS at Balle Bail Village
4th	Scientific Support and awareness to local farmers to increase yield of crop and fodder
5th	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages

12	EMP Budget	Rs. 22.94 Lakhs (Capital Cost) &7.31 Lakhs (Recurring cost)
13	Forest NOC	22.04.2022
14	Quarry plan	03.06.2022
15	Cluster certificate	06.06.2022
16	Revenue NOC	13.08.2021
17	Notification	05.05.2022

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 2.60 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 asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 3,78,821 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 73,684 Tonnes / Annum (including waste).

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

281.15 Pink Granite Quarry Project at Sy. Nos. 53/4 & 53/5 of Anthartana Village, Kushtagi Taluk, Koppal District (4-00 Acres) by M/s. Shri Satyam Pink Granites - Online Proposal No. SIA/KA/MIN/277988/2022 (SEIAA 271 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Shri Satyam Pink Granites
2	Name & Location of the Project	Pink Granite Quarry Project at Sy. Nos. 53/4 & 53/5 of Anthartana Village, Kushtagi Taluk, Koppal District (4-00 Acres) P No / Latitude / Longitude A / N 15° 59' 08.5" / E 76° 01' 24.0" B / N 15° 59' 05.3" / E 76° 01' 22.5" C / N 15° 59' 08.6" / E 76° 01' 13.7" D / N 15° 59' 09.6" / E 76° 01' 13.8" E / N 15° 59' 08.1" / E 76° 01' 20.1" F / N 15° 59' 09.2" / E 76° 01' 20.1"
3	Type Of Mineral	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	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,000 Cu.mt./ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.38 Crores (Rs. 138 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,74,500 Cu.mt (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,000 Cu.mt./ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Hirekodagali Village
2nd	Rain Water harvesting of GHPS school at Hirekodagali Village
3rd	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages

	4th	Conducting E-waste drive campaigns at GHPS school at Hirekodagali Village
	5th	Health camps in GHPS school at Hirekodagali Village
12	EMP Budget	Rs. 48.93 Lakhs (Capital Cost) & 11.67 Lakhs (Recurring cost)
13	Forest NOC	24.01.2022
14	Quarry plan	27.05.2022
15	Cluster certificate	08.06.2022
16	Revenue NOC	29.04.2022
17	DTF	27.01.2022
18	Letter of Intent	30.04.2022

As per the cluster sketch there are 16 leases including the present lease within 500 meter radius from this lease out of which 14 leases are exempted from cluster as the EC has been issued prior to 15.01.2016 and the total area of the leases including the present lease is7-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 880 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 5,74,500 Cu.mt (including waste) as per the approved quarry plan, the committee estimated the life of the mine to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,000 Cu.mt/ Annum (including waste).

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

281.16 Building Stone Quarry Project at Sy. No. 161 of Balluru Village, Belur Taluk, Hassan District (1-00 Acre) by Smt. Nagaratna, C/o B H Ranganatha - Online Proposal No.SIA/KA/MIN/277585/2022 (SEIAA 273 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Nagaratna, C/o B H Ranganatha
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 161 of Balluru Village, Belur Taluk, Hassan District (1-00 Acre)

		GPS READING OF CORNER PILLARS CORNER PILLAR / LATITUDE / LONGITUDE BP-A / N13° 09' 24.1" / E75° 48' 28.1" BP-B / N13° 09' 21.2" / E75° 48' 28.4" BP-C / N13° 09' 21.3" / E75° 48' 29.6" BP-D / N13° 09' 24.4" / E75° 48' 29.9" MAP DATUM - WGS-84
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	6,316 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.01 Crores (Rs. 101 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,44,921 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	6,316 Tonnes/ Annum (including waste)
11	**CER Activities:**	
12	EMP Budget	Rs. 17.54 Lakhs (Capital Cost) & 6.22 Lakhs (Recurring cost)
13	Forest NOC	17.08.2020
14	Quarry plan	03.06.2022
15	Cluster certificate	07.06.2022
16	Revenue NOC	30.12.2019
17	Notification	28.03.2022

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GLPS school at B Hosahally Village
2nd	Rain Water harvesting of GLPS school at B Hosahally 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 or road with drainages
5th	Health camps in GLPS school at B Hosahally Village

As per the cluster sketch there is no other lease and the area of the proposed lease is 1-00Acre and hence the project is categorized as B2.

There is an existing cart track road to a length of 190 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Further as per google image, the committee observed that there is a road passing near to the proposed project area. Hence the committee after discussion decided to defer the appraisal to get clarification from competent authority with respect to road passing near to proposed project area.

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

281.17 Building Stone Quarry Project at Sy. No: 424/1 of Mukkdahalli Village, Chamarajanagara Taluk, Chamarajanagara District (2-28 Acres) by Sri R Umesh - Online Proposal No.SIA/KA/MIN/272448/2022 (SEIAA 236 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri R Umesh
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No: 424/1 of Mukkdahalli Village, Chamarajanagara Taluk, Chamarajanagara District (2-28 Acres) GPS READINGS OF CORNER PILLERS POINT / LATITUDE / LONGITUDE A / N 11° 57' 49.10" / E 76° 49' 04.40" B / N 11° 57' 48.80" / E 76° 49' 06.90" C / N 11° 57' 44.70" / E 76° 49' 07.10" D / N 11° 57' 44.60" / E 76° 49' 04.90" E / N 11° 57' 46.00" / E 76° 49' 04.20" DATUM-WGS-84
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	2-28 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	53,028 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.19 Crores (Rs. 119 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,29,582 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	53,028 Tonnes/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Harave Village
2nd	The Proponent Propose to Distribute nursery plants at Harave Village & Strengthening of approach road.
3rd	Rain Water harvesting of GHPS school in Harave Village
4th	Scientific Support and awareness to local farmers to increase yield of crop and fodder
5th	Health camps in GHPS school in Harave Village

12	EMP Budget	Rs.23.20 Lakhs (Capital Cost) &7.53 Lakhs (Recurring cost)
13	Forest NOC	03.02.2020

14	Quarry plan	12.01.2022
15	Cluster certificate	17.01.2022
16	Revenue NOC	05.11.2020
17	Notification	30.10.2021
18	DTF	27.08.2021

As per the cluster sketch there are 06 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the EC has been issued prior to 15.01.2016 and the total area of the leases including the present lease is8-14 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 300 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 6,29,582 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 12 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 53,028 Tonnes / Annum (including waste).

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

281.18 Shahabad Stone Quarry Project at Sy. No. 43/*/2 of Kallur Road Village, Chincholi Taluk, Kalaburagi District (1-16 Acres) by Sri Tulajappa S/o Sharanappa Kallur - Online Proposal No.SIA/KA/MIN/276858/2022 (SEIAA 259 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Tulajappa S/o Sharanappa Kallur
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 43/*/2 of Kallur Road Village, Chincholi Taluk, Kalaburagi District (1-16 Acres)
3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification /	New

Boundary Points	Latitude	Longitude
BP-A	N 17° 23' 26.5"	E 77° 28' 35.5"
BP-B	N 17° 23' 22.8"	E 77° 28' 35.6"
BP-C	N 17° 23' 22.9"	E 77° 28' 34.3"
BP-D	N 17° 23' 21.4"	E 77° 28' 33.8"
BP-E	N 17° 23' 25.4"	E 77° 28' 34.2"
BP-F	N 17° 23' 27.1"	E 77° 28' 34.3"
BP-G	N 17° 23' 26.5"	E 77° 28' 34.5"

	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta. Other]	Patta
6	Area in Acres	1-16 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	3,129.5 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.03 Crores (Rs. 103 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	27,037 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,129.5 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	The Proponent Proposes to Distribute nursery plants at Kallur Road Village & Strengthening of approach road.
2nd	Health camps in GHPS school at Kallur Road Village
3rd	Providing Solar Power Panels is GHPS school at Kallur Road Village
4th	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages
5th	Scientific Support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 33.35 Lakhs (Capital Cost) & 5.60 Lakhs (Recurring cost)
13	Forest NOC	10.06.2021
14	Quarry plan	02.08.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	05.06.2021
17	Notification	11.06.2021
18	JSR	15.04.2021

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 3-16 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 520 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 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.

Considering the proved mineable reserve of 27,037Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,129.5 Cum/ Annum (including waste).

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

281.19 Shahabad Stone Quarry Project at Sy. No. 149/2 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-20 Acres) bySri Mahender Partani S/o Muralidhar Partani - Online Proposal No.SIA/KA/MIN/277046/2022 (SEIAA 264 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mahender Partani S/o Muralidhar Partani
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 149/2 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-20 Acres) B. P. No. / Latitude / Longitude A / N 17° 22' 43.3" / E 77° 30' 10.7" B / N 17° 22' 43.5" / E 77° 30' 13.4" C / N 17° 22' 41.0" / E 77° 30' 13.4" D / N 17° 22' 40.9" / E 77° 30' 10.7"
3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	413.2 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.98 Crores (Rs.98.85 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	31,000 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	413.2 Cum/Annum (including waste)
11	**CER Activities:**	
12	EMP Budget	Rs. 24.87 Lakhs (Capital Cost) & Rs. 4.98 Lakhs (Recurring Cost)
13	Forest NOC	11.08.2020
14	Quarry plan	02.08.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	25.06.2020
17	Notification	08.06.2021
18	JSR	15.04.2021

Year	Corporate Environmental Responsibility (CER)
1st	The Proponent Propose to Distribute nursery plants at Miriyan Village & Strengthening of approach road.
2nd	
3rd	Providing Solar Power Panels is GHPS school at Miriyan Village
4th	Avenue plantation either side of the approach road near Quarry site & Repair of Road with drainages.
5th	Health camp in GHPS school at Miriyan Village

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 3-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 369 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 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.

Considering the proved mineable reserve of 31,000 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 413.2 Cum/ Annum (including waste).

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

281.20 Shahabad Stone Quarry Project at Sy No. 91 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) bySri Naveenkumar Patil - Online Proposal No.SIA/KA/MIN/278275/2022 (SEIAA 278 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Naveenkumar Patil
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy No. 91 of Miriyan Village, Chincholi Taluk. Kalaburagi District (1-00 Acre) **GPS READING OF CORNER PILLARS** CORNER PILLAR / LATITUDE / LONGITUDE BP-A N17°22' 46.8" E77°29' 51.3" BP-B N17°22' 46.6" E77°29' 53.5" BP-C N17°22' 48.3" E77°29' 53.7" BP-D N17°22' 48.8" E77°29' 51.1" **MAP DATUM - WGS-84**
3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	2553.1 Cum/Annum (including waste)

8	Project Cost (Rs. In Crores)	Rs. 0.92 Crores (Rs. 92 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	22,050 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2553.1 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	The Proponent Propose to Distribute nursery plants at Miriyan Village & Strengthening of approach road.
2nd	Health camp in GHPS school at Miriyan Village
3rd	Providing Solar Power Panels is GHPS school at Miriyan Village
4th	Avenue plantation either side of the approach road near Quarry site & Repair of Road with drainages.
5th	Scientific Support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 20.54 Lakhs (Capital Cost) &5.41 Lakhs (Recurring cost)
13	Forest NOC	12.08.2020
14	Quarry plan	22.10.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	25.06.2020
17	Notification	11.06.2021
18	JSR	07.09.2019

As per the cluster sketch there are 05 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 9-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 480 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry 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.

Considering the proved mineable reserve of 22.050 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2553.1 Cum/ Annum (including waste).

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

281.21 Shahabad Stone Quarry Project at Sy. No. 141/5 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) bySri Sudhakar S/o Nagappa - Online Proposal No.SIA/KA/MIN/278289/2022 (SEIAA 279 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Sudhakar S/o Nagappa
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 141/5 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre)

B. P. No.	Latitude	Longitude
A	N 17° 23' 01.8"	E 77° 30' 43.2"
B	N 17° 23' 04.3"	E 77° 30' 42.4"
C	N 17° 23' 03.9"	E 77° 30' 40.7"
D	N 17° 23' 01.5"	E 77° 30' 41.5"

3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	413.22 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.92 Crores (Rs. 92 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	23,260 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	413.22 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Rain Water harvesting of GHPS in Miriyan Village
2nd	Health camps in GHPS in Miriyan Village
3rd	Providing Solar Power Panels is GHPS at Miriyan Village
4th	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages
5th	Scientific Support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 18.12 Lakhs (Capital Cost) &4.82 Lakhs (Recurring cost)
13	Forest NOC	11.08.2020
14	Quarry plan	23.07.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	25.06.2020
17	Notification	11.06.2021
18	JSR	15.04.2021

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease and the total area of the leases is 3-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 210 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 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.

Considering the proved mineable reserve of 23,260 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 413.22 Cum/ Annum (including waste).

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

281.22 Pink Granite Quarry Project at Sy. No. 57 A/1 of Hoolageri Village, Kushtagi Taluk, Koppal District (7-00 Acres) by Sri Mallikarjun V Shettar - Online Proposal No.SIA/KA/MIN/258616/2022(SEIAA 82 MIN 2022)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Mallikarjun V Shettar</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Pink Granite Quarry Project at Sy. No. 57 A/1 of Hoolageri Village, Kushtagi Taluk, Koppal District (7-00 Acres)
GPS CO-ORDINATES OF LEASE BOUNDARY
DATUM-WGS-84, ZONE-43 NORTH
<table>
<tr><th>Corner Pillar No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N-15°58'26.6"</td><td>E-76°02'03.5"</td></tr>
<tr><td>B</td><td>N-15°58'25.9"</td><td>E-76°02'05.4"</td></tr>
<tr><td>C</td><td>N-15°58'34.0"</td><td>E-76°02'06.6"</td></tr>
<tr><td>D</td><td>N-15°58'33.9"</td><td>E-76°02'07.0"</td></tr>
<tr><td>E</td><td>N-15°58'44.0"</td><td>E-76°02'07.0"</td></tr>
<tr><td>F</td><td>N-15°58'44.0"</td><td>E-76°02'05.1"</td></tr>
<tr><td>G</td><td>N-15°58'34.6"</td><td>E-76°02'05.4"</td></tr>
<tr><td>Ref-1</td><td>N-15°59'01.976"</td><td>E-76°02'06.158"</td></tr>
<tr><td>Ref-1</td><td>N-15°58'52.460"</td><td>E-76°02'18.881"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Pink Granite Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
</table>

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	7-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	20,000.6 Cum/ 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	1,63,093 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,000.6 Cum/ Annum (including waste)
11	**CER Activities:** • Shall be spent towards construction of two toilets along with overhead water tank with Borewell with power connection & yearly maintenance of the same & Anganwadi kitchen, at Govt. Primary school in Hoolgeri Village (In consultation with school headmaster). • Shall be spent towards leveling and development of playground for Govt. Primary schoo, Hoolgeri (In consultation with school headmaster). • Shall be spend towards CER activities like desilting & rejuvenation a Kadur Pond, Drinking water etc...	
12	EMP Budget	Rs. 90 Lakhs (Capital Cost) & 20 Lakhs (Recurring cost)
13	Forest NOC	16.05.2016
14	Quarry plan	18.02.2022
15	Cluster certificate	18.02.2022
16	Revenue NOC	04.05.2017
17	C & I Notification	19.03.2022
18	DTF	27.01.2022
19	LOI	05.02.2022

As per the cluster sketch there are 04 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the lease was granted prior to 09/09/2013 and the total area of the remaining leases including the present lease is 11-10 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 500 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry 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.

Considering the proved mineable reserve of 1,63,093 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 20,000.6 Cum/ Annum (including waste).

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

281.23 Building Stone Quarry Project at Sy No. 116 of Chennanakere Village, Srirangapatna Taluk, Mandya District (4-38 Acres) by Sri Channakeshavalu Devarappu - Online Proposal No.SIA/KA/MIN/239222/2021 (SEIAA 628 MIN 2021)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Channakeshavalu Devarappu</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy No. 116 of Chennanakere Village, Srirangapatna Taluk, Mandya District (4-38 Acres)
GPS READINGS OF CORNER PILLERS
POINT | LATITUDE | LONGITUDE
A | N 12° [illegible] | [illegible]
B | N 12° 32' [illegible] | [illegible]
C | N 12° 32' 07.4" | [illegible]
D | N 12° 32' 08.3" | [illegible]
DATUM-WGS 84</td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>Expansion</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>4-38 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>1,57,895Tonnes/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.41 Crores (Rs. 141.95 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>12,28,993 Tonnes (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>1,57,895 Tonnes/ Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing Solar Power Panels is GHPS school at Channanakere Village</td></tr>
<tr><td>2nd</td><td>The Proponent Propose to Distribute nursery plants at GHPS school at Channanakere Village & Strengthening of approach road.</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>Rain Water harvesting of GHPS in Channanakere Village</td></tr>
<tr><td>5th</td><td>Health camps in GHPS in Channanakere Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 40.05 Lakhs (Capital Cost) & 8.32 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>08.08.2018</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>13.09.2021</td></tr>
</table>

15	Cluster certificate	04.11.2021
16	Revenue NOC	30.11.2016
17	Notification	24.02.2018
18	CCR from KSPCB	06.05.2022

The proposal is for expansion, wherein EC was issued on 10.12.2018 by DEIAA and lease was granted on 19.02.2019. The proponent had submitted certified compliance report from KSPCB dated 06.05.2022 and audit report certified by DMG Authorities dated 23.11.2021.

There is an existing cart track road to a length of 550 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation and also to comply with the observations made by KSPCB in Certified Compliance Report, 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.

Considering the proved mineable reserve of 12,28,993 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,57,895Tonnes / Annum (including waste).

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

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

This project was considered during 279th SEAC meeting (agenda No.279.28) held on 26th & 27th May- 2022. The committee had deferred the proposal as per minutes mentioned below,

The minutes of 279th SEAC is as follows,

"The committee initially in its 269th SEAC Meeting had recommended the proposal for issue of EC based on the certified cluster certificate submitted by the proponent, which SEIAA in its 208th Meeting has referred back to the Committee for reappraisal.

The committee in 273nd SEAC meeting after thorough discussion on the observation made by the authority in 208th SEIAA Meeting, decided to reject the proposal and informed the proponent to apply under B1 category and forward the proposal for appropriate action.

Further the authority in its 215th SEIAA Meeting had again referred back to SEAC by informing,

"The project proponent vide his letter dated 04.04.2022 requested to consider the above said project under B2 Category. The Authority perused the request made by the proponent and decided to send file to SEAC for reappraisal and sending recommendation deemed fit based on merit".

The committee in the present meeting gave opportunity to the proponent to submit clarification. The proponent informed the committee that they have conducted Petrographyical studies of the samples within the cluster area and that as per Petrographyical studies, both the samples are different and are non-homogenous in nature and hence requested the committee the to consider the proposal under B2 category.

The committee heard the request made by the proponent. The committee after discussion informed the proponent to obtain clarification from DMG in this regard and decided to defer the appraisal until clarification from DMG Authorities is submitted by the proponent."

In the meeting, proponent submitted the clarification from Deputy Director Dept. of Mine & Geology, Chamarajanagar, dated 18.06.2022 and informed the committee that mineral in sy.no. 523/1 is Dolerite DYKE (Black Granite) and mineral in Sy. Nos.147 & 151/1 is Granitic Gneiss and as per field observation and physical properties of two rock types, both the rocks are different and are non-homogeneous in nature by mineralogy, origin and occurrence and hence requested to consider the proposal under B2 category.

The committee accepted the clarification given by proponent and after discussion reiterated its earlier decision taken in 269th SEAC meeting and decided to recommend the proposal for further necessary action.

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

281.25 Building Stone Quarry Project at Sy. Nos. 187/1 & 187/2 of Doddashalavara Village, Belur Taluk, Hassan District (3-00 Acres) by Sri. S. K. Kumar - Online Proposal No. SIA/KA/MIN/262621/2022 (SEIAA 124 MIN 2022)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri S K Kumar</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos. 187/1 & 187/2 of Doddashalavara Village, Belur Taluk, Hassan District (3-00 Acres)
<table>
<tr><th>B. P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 03' 55.2"</td><td>E 75° 46' 58.2"</td></tr>
<tr><td>B</td><td>N 13° 03' 55.2"</td><td>E 75° 47' 00.1"</td></tr>
<tr><td>C</td><td>N 13° 03' 54.1"</td><td>E 75° 47' 01.1"</td></tr>
<tr><td>D</td><td>N 13° 03' 51.7"</td><td>E 75° 47' 00.5"</td></tr>
<tr><td>E</td><td>N 13° 03' 51.0"</td><td>E 75° 47' 02.0"</td></tr>
<tr><td>F</td><td>N 13° 03' 50.3"</td><td>E 75° 47' 00.4"</td></tr>
<tr><td>G</td><td>N 13° 03' 50.0"</td><td>E 75° 46' 59.8"</td></tr>
<tr><td>H</td><td>N 13° 03' 51.8"</td><td>E 75° 46' 59.1"</td></tr>
<tr><td>I</td><td>N 13° 03' 51.2"</td><td>E 75° 46' 57.2"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
</table>

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	22,079 Tonnes/ 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	4,41,051 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	22,079 Tonnes/ Annum (including waste)
11	**CER Activities:** • Propose take up 300 No. of additional plantation on either side of the approach road from quarry location to Doddashalavara Village Road.	
12	EMP Budget	Rs. 19.25 Lakhs (Capital Cost) & 4.81 Lakhs (Recurring cost)
13	Forest NOC	19.11.2021
14	Quarry plan	07.03.2022
15	Cluster certificate	05.03.2022
16	Revenue NOC	09.08.2021
17	Notification	19.02.2022

The proposal was considered on 8th July 2022 for appraisal.

Initially the proposal was considered in 279th SEAC meeting and the committee had deferred the project to submit clarification from DMG Authorities for compliant received from Shri. Manjunath.

In the meeting the proponent had submitted the clarification from DMG authorities dated 08.07.2022, informing that for the proposed building stone quarry, site Mahajar has been done with Technical Officers from DMG, Tahashildar, Belur Taluk and local villagers and Mahajar (date: 15.06.2022) stated as under,

1. There is a cart track, on the western side of the proposed area and not existent when verified as per village map. Locals stated that road has been formed by the agriculturists in their own agriculture lands and the road is temprorary being used by people(Koppalu) of 10-12houses, which is not a revenue village and Koppalu people were present during the Mahajar and stated that they have no objection for the proposed quarry project.
2. Independent house is present at a distance of about 350mtrs from the proposed project area and there are no houses are there within 200 mtrs.
3. From the proposed area about 30 to 35 Acres of coffee plantation belongs to proponent Sri S. K. Kumar and his wife. Other farmers have no objection for the project.
4. The complainant Sri Manjunath is a resident of Doddashalavara village and his residence is more than 500m from the proposed site and there are no land belonging to him adjacent to the propose area. It is stated by villagers that the complainant made allegation in bad faith by listing to others.

Regarding one more compliant received from one Sri Manjunath, asking the committee not to issue EC for the proposed project, proponent Sri S K Kumar, informed the committee that, the complainant Sri Manjunath is misleading the committee by giving false information in bad faith and requested the committee not to consider the complaint given by Sri Manjunath.

The committee after discussion, based on the DMG Letter dated 08.07.2022, considered appraisal of the project.

As per the cluster sketch there are 06 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the EC has been issued prior to 15.01.2016 and the total area of the leases including the present lease is8-14 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 asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 4,41,051 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 20 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 22,079 Tonnes / Annum (including waste).

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

281.26 Building Stone Quarry Project at Sy No. 130, Dodderi Village, Bengaluru South Taluk, Bangalore Urban District (6-00 Acres) (QL No. 770) by M/s. Tulasi Enterprises - Online Proposal No. SIA/KA/MIN/269965/2022 (SEIAA 220 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Tulasi Enterprises
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 130, Dodderi Village, Bengaluru South Taluk, Bangalore Urban District (6-00 Acres) (QL No. 770)

		DATUM – WGS-84 Points / Latitude / Longitude 01 / 12° 52' 36.2"N / 77° 22' 22.8"N 02 / 12° 52' 27.8"N / 77° 22' 20.5"N 03 / 12° 52' 26.6"N / 77° 22' 23.7"N 04 / 12° 52' 26.2"N / 77° 22' 28.0"N 05 / 12° 52' 14.1"N / 77° 22' 29.1"N A / 12° 52' 25.5"N / 77° 22' 07.7"N B / 12° 52' 23.5"N / 77° 22' 08.7"N C / 12° 52' 22.9"N / 77° 22' 11.4"N D / 12° 52' 20.9"N / 77° 22' 11.0"N E / 12° 52' 20.5"N / 77° 22' 12.7"N F / 12° 52' 16.8"N / 77° 22' 12.2"N G / 12° 52' 16.9"N / 77° 22' 09.6"N H / 12° 52' 25.1"N / 77° 22' 06.5"N
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion.
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	6-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,57,238.60 Tonnes/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.62 Crores (Rs. 162 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	15,31,658 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,57,238.60Tonnes/ Annum (including waste)
11	**CER Activities:** **Year** / **Corporate Environmental Responsibility (CER)** 1st / Providing Solar Power Panels is GHPS at Dodderi Village 2nd / Rain Water harvesting of GHPS in Dodderi Village 3rd / Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages 4th / Scientific Support and awareness to local farmers to increase yield of crop and fodder 5th / Health camps in GHPS in Dodderi Village	
12	EMP Budget	Rs. 49.85 Lakhs (Capital Cost) &10.39 Lakhs (Recurring cost)
13	Forest NOC	21.02.2012
14	Quarry plan	22.03.2022
15	Cluster certificate	25.04.2022
16	Notification	15.04.2015

The proposal was initially considered in 279th SEAC meeting and the committee had deferred the appraisal to submit DMG certified Audit Report till 2021-22 and S-report.

In the present meeting the proponent had submitted DMG certified Audit report till 2021-22 and S-report.

The proponent informed that earlier EC was issued on 25.04.2013 by DEIAA and lease was granted on 16.04.2015 and no working has been carried out till 2021-22 as per audit reports given by DMG Authorities.

There is an existing cart track road to a length of 661 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC & should grow trees all along the approach road in the beginning of project, 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.

Considering the proved mineable reserve of 15,31,659 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,57,238.6Tonnes / Annum (including waste).

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

281.27 Residential Development with Club house Project at Sy. Nos. 163, 164, 165, 166/1, 170/1 of Bommenhalli Village, Bidarhalli Hobli, Bengaluru East Taluk, Bengaluru District by M/s. Aryeehaa Realty Limited - Online Proposal No. SIA/KA/MIS/72746/2022 (SEIAA 34 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Sri K.P. CHAMPAKA DHAAMA SWAMY Chairman & Managing Director M/s. BRIGADE ENTERPRISES LTD 29th & 30th Floor, World Trade Center Bengaluru, Brigade Gateway Campus, 26/1, Dr. Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru – 560055
2		Name & Location of the Project	Proposed Residential Development with club house by M/s. Brigade Enterprises Ltd Survey No's. 163, 164, 165, 166/1 and 170/1, Bommenahalli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru District.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical	Development of Commercial Building Category 8(b) as per EIA Notification 2006

		Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	Not Applicable
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	48,663.07Sqm (12A 1G)
7		Built Up area (Sqm)	1,93,849.34 Sqm
8		FAR • Permissible • Proposed	2.75 2.75
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block-1 to 6: 3B+G+26UF Club house: 3B+G+5UF
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	1265 nos.
11		Height Clearance	Maximum building height 982 m Maximum height as per CCZM 1035 m
12		Project Cost (Rs. In Crores)	276 Crores.
13		Disposal of Demolition waste and or Excavated earth	NA since it is new project
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	11,743.44 Sqm
	b.	Kharab Land	354.10 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	15395 Sqm
	d.	Internal Roads	Driveway, ramp, podium, and open area - 17,505.62 Sqm
	e.	Paved area	--
	f.	Others Specify	Road widening area - 1315.22 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
	h.	Total	48,663.07 Sqm
15		**WATER**	
	I.	Construction Phase	
	a.	Source of water	STP treated water for construction purpose External tanker water for domestic purposes
	b.	Quantity of water for Construction in KLD	30 KLD
	c.	Quantity of water for Domestic Purpose in KLD	27 KLD

	d.	Waste water generation in KLD	23 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in septic tank	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	659 KLD
			Recycled	335 KLD
			Total	994 KLD
	b.	Source of water	Panchayath Water supply	
	c.	Waste water generation in KLD	795 KLD	
	d.	STP capacity	900 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Treated water available – 755 KLD (95% of total Sewage water) For flushing – 335 KLD For gardening – 123 KLD For other construction purpose – 297 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	650 Cum	
	b.	No's of Ground water recharge pits	25no's	
17		Storm water management plan	Storm water from paved and landscape areas is stored in a tank of capacity 1150cum and excess is harvested in 25nos of pits.	
18		**WASTE MANAGEMENT**		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 60kg/day Solid waste will be collected manually and handed over to local body for further processing	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –2MT/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 9 kg/day will be reused as manure for greenery development purposes.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 1.3MT/day Recyclable waste will be given to the waste collectors for recycling for further processing.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.	
19		POWER		
	a.	Total Power Requirement - Operational Phase	BESCOM 6000 kVA	
	b.	Numbers of DG set and capacity in	12X500 kVA	

		KVA for Standby Power Supply	
	c.	Details of Fuel used for DG Set	High speed diesel fuel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, LED light, Copper wound transformer are proposed in the project Total savings of 23.37%
20		PARKING	
	a.	Parking Requirement as per norms	1900 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	1. Cargo road /Budigereroad: Towards Airport – C, Towards Hoskote-C 2. NH-75 (SR) Towards Hoskote – C
	c.	Internal Road width (RoW)	Approach road width – 24m Internal Road width – 8m
21		CER Activities	1. Skill development training programmes. 2. Free Medical check-up camps. 3. Infrastructure creation for Drinking Water supply, Solid waste management facilities, healthcare, education, roads and drain formation. 4. Creation of sanitation facilities for control of waterborne diseases viz., Malaria, Dengue, Diarrhoea, Cholera, etc. 5. Scientific support and awareness to local farmers to increase yield of crop and fodder. 6. Installation of solar streetlights. 7. Plantation in community areas. 8. Rejuvenation of water bodies/ drains/ construction of ground water recharge pits in surrounding areas near vicinity of the project area.
22		EMP • Construction phase • Operation Phase	Construction phase • Investment cost-17.6lakh • Maintenance cost-0.95 lakh Operational Phase • Investment cost-971.13 lakh • Maintenance cost-40 lakh

The proposal is for construction of residential building in an area earmarked for industrial as per Hoskote Planning Authority, for which the proponent informed that they had obtained land conversion and as per zoning regulation residential use is permitted in the proposed area. SEIAA on 24.05.2022 had issued ToR.

The committee during appraisal sought clarification for cart track road as per village map, provisions for harvesting rain water in the proposed area, management of treated water, provisions for bio-digester and details for community recharge of ground water. The proponent informed the committee that there is a cart track road(3.5G) in western side of the plot, for which free public access

is provided. For harvesting rain water, the proponent has proposed rain water harvesting structures by considering one day rain fall, for which committee informed to provide provisions by considering minimum of three day storage, with intensity of 30mm. The proponent submitted revised provisions for rain water harvesting in the proposed area along with revised budgetary provisions and informed that they have provided 650cum capacity for runoff from rooftop and an additional tank of 1150cum capacity for runoff from the landscape and paved areas in addition to 25nos recharge pits within the project area. The proponent informed that in the proposed project installation of bio-digester with provisions for waste to energy system has associated with challenges and limitations and hence requested for exemption for installing biogas plant in the proposed project. For community recharge of ground water, proponent submitted budgetary allocation for community recharge of ground water and informed that same to be implemented with consultation with ground water department. Further the committee informed the proponent to install smart metering for individual units for conservation of water and to manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that they have made provisions to grow 591 trees in the project area and to provided charging facilities for electrical vehicles in the proposed project. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/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 leave free access to public without gated community in the kharab area.

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

281.28 Iron Ore Mine Project at Niruthadi Reserve Forest of Holalkere Range, Bedarabommanahalli Village, Hirekandavadi Village & Other Villages, Chitradurga Taluk, Holalkere Taluk, Chitradurga District (93.6 Ha) by M/s. JSW Steel Limited - Online Proposal No.SIA/KA/MIN/55956/2020(SEIAA 410 MIN 2020)

About the project:

SI.NO	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. JSW Steel Ltd. JSW Mining office, Near Talur Cross, Sandur Taluk, Ballari District, Karnataka
2	Name & Location of the Project	Bhomman Iron Ore Mine(ML no. 0014) Bedarabommenahalli, Hirekandavadi and other Villages, Chitradurga &Holalkere Taluk, Chitradurga District, Karnataka
3	Co-ordinates	Latitude: N 14° 12' 51.1" to 14° 12' 22.4" Longitude: E 76° 13' 41.6" to 76° 13' 33.2"
4	Type of Mineral	Iron Ore
5	New /expansion/modification /renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Forest land

7	Area in Ha	93.60 Ha.
8	Annual production (metric ton /Cum) per annum	01 Metric Tonnes Per Annum
9	Project Cost (Rs. In Crores)	44.98 Cr.
10	Proved quantity of mine/quarry-Cu.m/Tons	66.056 Million Metric Tonnes (Mineable Reserves)
11	Permitted quantity per annum-Cu.m/Ton	01 MTPA
12	Approach Road	2.5kmsfrom mine to connecting main road (SH-48).
13	Five years plan period	Area -46.43 Ha (Area Under Mining) Top RL- 886mRL Bottom RL - 856mRL
14	Conceptual stage	Area -63.23 Ha (Area Under Mining) Top RL- 904mRL Bottom RL-724mRL
15	CER Activities: ▪ Swachhata Pakhwada& Other Awareness Activities ▪ Clearing of Fire Line & Watch Ward (Payment to Forest Dept.) ▪ Solar Wi-Fi Tower (maintenance) ▪ Afforestation/Greenbelt Development ▪ Environmental Monitoring	
16	EMP Budget (including CER Activities) is 98.2 Lakhs	

Sl.	Particulars	Capital Cost (Rs. in Lakhs)	Recurring Cost (Rs. in Lakhs)
1	Dust suppression through water tankers for mine haul roads	-	52.0
2	Clearing of Fire Line & Watch Ward (Payment to Forest Dept.)	-	5.0
3	Afforestation/Greenbelt Development	-	0.50
4	Swachhata Pakhwada&Other Awareness Activities	-	1.05
5	Environmental Monitoring	-	12.0
6	Solar Wifi Tower (maintenance)	-	3.05
7	Occupational Health Safety & Measures (Drinking water facilities, Sanitation)	14.0	-
8	Land Use & Land Cover Study	-	0.60
9	Wildlife Management Plan & Implementation	70.0	-
10	Soil-Moisture Conservation Plan	9.0	-
11	Ground Water Study	-	2.0
12	Construction & Maintenance of engineering structures as per approved mine plan.	-	12.0
13	Maintenance of structures constructed under Reclamation &	-	10.0

			Rehabilitation Plan		
			Total	**93.0**	**98.2**
17	Forest Clearance			21.11.2016(Yet to be Transferred)	
18	CCR			17.08.2021 (certified compliance report issued by Regional Office, MoEF&CC)	
19	Earlier E.Cby MoEF&CC & Date			31.03.2006	
20	CFO			Valid up to 30.10.2024	
21	IBM Approval Date			19.01.2022	
22	R&R Plan Date			19.09.2018	

The proposal is for EC for Iron Ore Mine of JSW, ToR was issued by SEIAA on 09.08.2021 for 1.0MTPA. The proponent informed the committee that the mine lease was granted to JSW Steel Limited through e-auction held on 24.07.2019 by Govt. of Karnataka.Subsequently Letter of Intent was issued by DMG on 13.08.2019 and 19.02.2020 and lease was granted with ML No. 0014. Initially Vesting Order was issued by Govt. of Karnataka dated 01.07.2020, informing that all the valid rights, approval clearances, licenses vested with the previous lessee in respect of M/s Mineral Enterprises Limited (ML no. 2346) are deemed to have vested in favour of Successful bidder M/s JSW Steel Limited for the period of two years from the date of grant of lease.Vide letter on 03.06.2022, amendment to Vesting Order has issued by Govt. of Karnataka based on amended MMDR Act, 1957 issued by GOI on 28.03.2021, informing that, valid rights, approval clearances, licenses and like vested with the previous lessee in respect of M/s. Mineral Enterprises Limited (ML no. 2346) are deemed to have vested in favour of Successful bidder M/s JSW Steel Limited on the same terms and conditions of every rights approvals clearances, licenses and like which vested with previous lessee as per Section 8B of the MMDR Amendment Act 2021.Further the proponent informed that EC was issued earlier by MOEF on 31.03.2006 to M/s. MEL, based on EIA Notification 1994.

Further for Forest Clearance, the proponent informed that as per Vesting Order issued on 03.06.2022, the new lessee can continue mining operations on the land till expiry(i.e 2070) or termination of mining lease granted to it, as was being carried out by the previous lessee, on the basis of which the proponent has applied for transfer of Forest Clearance.

This is a proposal for 1.0MTPA iron ore production in a total area of 93.60Ha.The proponent has submitted certified compliance to the earlier E.C. conditions from Regional Office, MoEF&CC on 17.08.2021, in favor of M/s JSW Steel Limited, which is rated satisfactory.

Public hearing was conducted on 29.03.2022. The committee reviewed 20 statements recorded by the people who attended the public hearing, for which the proponent made a presentation submitting point wise compliance to all these issues/requirements raised by the public during public hearing. The proponent informed that they would strengthen the approach road as per IRC (Indian Road Congress) standard norms & also to grow trees all along the approach road for which the proponent agreed.The proponent also submitted undertaking to comply with approved Reclamation and Rehabilitation (R&R) Plan and to install Pipe Conveyor Belt from Mine Head to the nearest Railway Siding and setup Beneficiation Plant after conducting techno-economic study.

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

Considering the proved mineable reserve of 1.0MTPA as per the approved Mining plan, the committee estimated the life of the mine to be coterminous with a lease period and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 1.0 MTPA witha condition to comply with the observations made in the Certified Compliance report of MoEF&CC and R&R Plan and also to adhere to the compliance given to issues raised in the public hearing.

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

281.29Construction of Commercial Complex Building Project at Sy. No. 125 (old Sy. No.42), Singasandra, Bengaluru South Taluk, Bangaluru Rural District by M/s.Karnataka Rural Infrastructure Development Ltd. - Online Proposal No.SIA/KA/MIS/273260/2022(SEIAA 64 CON 2022)

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Chief Engineer Karnataka Rural Infrastructure Development Limited (KRIDL), GrameenabhivruddhiBhavan, 4th& 5th floor, AnandRao Circle, Bengaluru, Karnataka- 56009
2		Name & Location of the Project	Construction of Commercial Complex Building @ Survey No.125 (Old Survey No.42), Singasandra, Bengaluru by Karnataka Rural Infrastructure Development Limited (KRIDL)
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Complex Building for the purpose of Office accommodation 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	Singasandra Lake : 1.5 Km Basapura Lake : 0.5 Km Parappana Agrahara Lake : 1.0 Km Hosa Lake : 1.75 Km Beguru Lake : 2.4 Km
6		Plot Area (Sqm)	5628.50 Sqm
7		Built Up area (Sqm)	21734.94 Sqm
8		FAR • Permissible • Proposed	 2.25 2.20
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Lower basement +Upper basement+ Ground Floor+ 9 Floors (Totally 12 Floors)

10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA		
11	Height Clearance	NoC obtained from Airport Authority of India : on 27.12.2021		
12	Project Cost (Rs. In Crores)	Rs. 84.70		
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth :37242 Cum Back filling for foundation : 7500 Cum Excess Qty. proposed to utilized for KRIDL Road works in Rural area : 29742 Cum		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	1282.32 Sqm		
b.	Kharab Land	-		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	565.00 Sqm		
d.	Internal Roads	2204.00 Sqm		
e.	Paved area			
f.	Others Specify	357.50 (surface car parking)		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	1219.68 Sqm		
h.	Total	5628.50 Sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	Tertiary treated sewage water from STPs		
b.	Quantity of water for Construction in KLD	20		
c.	Quantity of water for Domestic Purpose in KLD	5		
d.	Waste water generation in KLD	4		
e.	Treatment facility proposed and scheme of disposal of treated water	Septic tank/soak pits		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	30 KLD	
		Recycled	25 KLD	
		Total	55 KLD	
b.	Source of water	BWSSB		
c.	Waste water generation in KLD	49 KLD		
d.	STP capacity	50 KLD		
e.	Technology employed for Treatment	MBBR Technology		
f.	Scheme of disposal of excess treated water if any	For Plantation and supply to building contractors/farmers		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	2 No. of 30 cum capacity for storage of 2 days roof top runoff.		
b.	No's of Ground water recharge pits	8 Nos.		

17		Storm water management plan	Storm water is stored in RWH tank of 30cum capacity and excess is harvested in recharge pits.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The solid waste generated during Construction phase include concrete (often recycled and reused at the site), steel and other metals, pallets, packaging and paper products, fluorescent tubes, wood beams, joists, studs, baseboards, cabinets shrubs etc. Gross segregation of construction into roadwork materials, structural building material, salvaged building parts and site clearance wastes is necessary. Additional segregation is required to facilitate reuse/ recycling. Construction contractor will have plan for waste management for Collection, segregation & disposal of Solid waste generated at Construction site. Builders are required to keep space reserved for waste storage, collection, and segregation in site planning. Recyclable waste will be recycled or sell it to end users. The other waste can be used as land fill or Landscaping
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	50 kgs per day. Disposed through Organic Waste Converter.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	200 Kgs per day. Will be sent for recycling
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Source of Hazardous waste generation will be from waste oil from DG sets. The waste will be off loaded to KSPCB-Authorised Agents.
	d.	Quantity of E waste generation and mode of Disposal as per norms	2.97 Tons per Annum E-Wastes shall be collectively handed over to the authorized E-Waste recyclers for component recovery. Various types of electrical and electronic wastes are generated in the commercial project, which includes computers, CDs, flash drives, etc., will be stored in earmarked designated areas, segregated and

			shall be transported to the authorized recyclers approved by the State Pollution Control Board. There shall also be provision for storage of these wastes in the building before transportation.
19		POWER	
	a.	Total Power Requirement - Operational Phase	2500 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4x500 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	It is envisaged to install solar panels terrace floor. 186 panels of 350 W each will be installed to generate solar power of 65 KW. Percentage saving : 2.88 %
20		PARKING	
	a.	Parking Requirement as per norms	190 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS 'B'
	c.	Internal Road width (RoW)	8 m
21		CER Activities Proposed	KRIDL is carrying works on water supply, Road works, School buildings in Rural areas. CER activities will be taken up as per Govt.Notifications
22		EMP • Construction phase • Operation Phase	10 Lakhs (Capital Cost) & Recurring Cost is 1 Lakhs/annum 150 Lakhs (Capital Cost) & Recurring Cost is 22 Lakhs/annum

The proposal is for construction of commercial building in an area earmarked for public and semi public use as per RMP of BDA.

The committee during appraisal sought clarification for cart track road as per village map, details of green belt area, disposal of excavated earth, e-waste management and provisions for harvesting rain water in the proposed area. The proponent submitted combined village map and informed that there is existing public road in the cart track area and for green belt development, proponent informed that 10.04% of total plot area is proposed for green belt and additional 22.96% of green belt to be developed in periphery of Singasandra, Basapura, Parappana Agrahara and nearby Schools by taking consent from concerned Authorities, within radius of 1km from the proposed project area. The proponent informed that excess excavated earth of 29,742cum to be used in Rural Road Improvement Works, to be taken up by KRIDL in Anekal Taluk and in operation phase e-waste to be handed over to Authorized recyclers of KSPCB. The proponent submitted revised provisions for harvesting rain water, the proponent has proposed 30cum capacity for runoff from rooftop and an additional tank of 30cum capacity for runoff from the landscape and paved areas in addition to 8nos recharge pits within the project area.

The proponent informed that they have made provisions to grow 70 trees in the project area and to charge 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.

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

281.30Development "Residential Apartment with Club House Project at Sy. No. 48 Bhattarahalli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District M/s. Casa Grande Builders Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/ 278712/2022(SEIAA 88 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1.		Name & Address of the Project Proponent	Mr. Karjee Kishore Kumar Authorized Signatory M/s. Casa Grande Garden City Builders Pvt. Ltd. Salma Biz house, No. 34/1, 3rd floor, T-1 & T-2, Meanee Avenue Road, Ulsoor Road, Near Ulsoor lake,Bengaluru – 560 042.
2.		Name & Location of the Project	Development of "Residential Apartment with Club House"Sy. No.48,Bhattarahalli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District – 560 049.
3.		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment with Club House Category 8(a) as per EIA Notification 2006.
	b.	Residential Township/ Area Development Projects	NA
4.		New/~~Expansion/ Modification/ Renewal~~	New
5.		Water Bodies/ Nalas in the vicinity of project site	1. Tertiary drain passing adjacent on east direction of the project site. 2. Tertiary drain on west side of the project site, which is at a distance 3. K.R Puram Lake is at a distance of 80 m from the project boundary.
6.		Plot Area (Sqm)	13,556.78Sqm
7.		Built Up area (Sqm)	48,147.80 Sqm

8.	FAR • Permissible • Proposed	2.25 2.24
9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	BF+GF+14UF
10.	Number of units/plots in case of Construction/Residential Township/Area Development Projects	225 nos
11.	Height Clearance	As per CCZM, the permissible height is 126 m AMSL and the height achieved for proposed building is 49.0 m.
12.	Project Cost (Rs. In Crores)	Rs. 131.23 Crores
13.	Disposal of Demolition waster and or Excavated earth	Existing building demolition waste of 150cum to be manage within site area. Total Excavated earth quantity –9,000m^3 For Backfilling – 3,150m^3 For Landscaping – 4,355m^3 For internal driveway &hardscape– 1,495 m^3
14.	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3,000 Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,699.88 Sqm
d.	Internal Roads	3,856.90 Sqm (Internal driveway &ramp area)
e.	Paved area	
f.	Others Specify	-
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	13,556.78 Sqm
15.	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement will be met from external water suppliers and water requirement for construction purpose will be met by STP tertiary treated water.
b.	Quantity of water for Construction in KLD	27 KLD
c.	Quantity of water for Domestic Purpose in KLD	7KLD
d.	Waste water generation in KLD	5.6KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP and treated water will be used for dust suppression/landscaping

			within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	104KLD
			Recycled	53KLD
			Total	157KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	126KLD	
	d.	STP capacity	140KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 21KLD will be used for avenue plantation/construction works.	
16.		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	100 m^3	
	b.	No's of Ground water recharge pits	10Nos.	
17.		Storm water management plan	Runoff from driveway area will be collected in a pond of 80 cum capacity and same will be utilized for domestic purpose after prior treatment. Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site.	
18.		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to BBMP. Construction debris -48 m^3 This will be reused within the site for road and pavement formation	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	230 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	344 kg/day Recyclable wastes will be handed over to authorized waste recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 106.43 L/Annum (0.291 L/ running hour of DG's) Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.	
19.		POWER		
	a.	Total Power Requirement - Operational Phase	936 kVA	
	b.	Numbers of DG set and capacity	250 kVA -1 No.& 350 kVA -1 No.	

		in KVA for Standby Power Supply				
	c.	Details of Fuel used for DG Set	125.71l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 26 %			
20.		PARKING				
	a.	Parking Requirement as per norms	257ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed Scenario after road widening
			T C Palya Main Road		0.10A	0.08 A
			NH-4	Hoskote (MCW-3lanes)	0.49C	0.60D
				Hoskote (SR-2lanes)	0.34B	0.28B
				KR Puram (MCW-3lanes)	0.56C	0.69D
				KR Puram (SR-2lanes)	0.40C	0.33B
	c.	Internal Road width (RoW)	Approach road width - 12.43 mtr .			
21.		CER Activities	Development of walkway & installation of solar lights all around K.R Puram Lake			
22.		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 4.3Lakhs Construction – 47.8 Lakhs During Operation: Capital investment – 87.10Lakhs Operation Investment – 29 Lakhs/annum			

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

The committee during appraisal sought clarification for water body, drains and cart track as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the water body in south at a distance of 80mtrs to the project boundary and for the tertiary drain in east, 15mtr buffer is proposed from the center of the drain and another tertiary drain in north west is at a distance of 26mtrs to the project site area and the cart track road is out of the proposed project area in sout. For harvesting rain water, the proponent has proposed 100cum capacity for runoff from rooftop and a pond of capacity 80cum capacity for runoff from landscape and paved areas in addition to 10nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that 31 trees to be removed and 48 trees to be retained and had made provisions to grow total of 218 trees in the proposed project area 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.

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

281.31 Residential Building Project at Block No. 459/2+3+459/1+469/18A+469/20+461/1B/3 Plot No.1+2 of Bhairidevarkoppa Village, Hubballi Hobli, Hubballi Taluk, Dharwad District by M/s. Shriya Anuraj Properties - Online Proposal No.SIA/KA/MIS/276745/2022(SEIAA 77 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Shri B Venkatraghu NandanS/o B Nagraj Partner, M/s. ShriyaAnuraj Properties R/o Plot No. 144, H.No. 301, Ravinagar, Gokul Road, Hubballi.
2		Name & Location of the Project	Proposed Construction of Residential Building by M/s. Shriya Anuraj Properties, at Block No. 459/2+3+459/1+469/18A+469/20+461/1B/3 Plot No.1+2, Bhairidevarkoppa Village, Hubballi Hobli, Hubballi Taluk, Dharwad District.
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	New
5		Water Bodies/ Nalas in the vicinity of project site	Unkal lake : 77.0 mts
6		Plot Area (Sqm)	8,738.6 sq.m.
7		Built Up area (Sqm)	28,459.82 sq.m
8		FAR • Permissible • Proposed	 3.25 3.20
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and	5 Residential Blocks (Block A, B, C, D and E) : Ground Floor + 6 Upper Floors + Terrace Floor and Amenities Block having Ground Floor + 2

	Upper Floors]	Upper Floors + Terrace Floor		
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	168 units		
11	Height Clearance	As per CCZM, Site Elevation : 638 MSL Elevation permitted : 699 MSL Height Permitted : 61 m Heigh Proposed : 21 m		
12	Project Cost (Rs. In Crores)	56.0 Crores		
13	Disposal of Demolition waster and or Excavated earth	No Demolition is involved, excavated earth to be managed within site area.		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	3,670.21 sq.m		
b.	Kharab Land	Nil		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,883.74 sq.m		
d.	Internal Roads	2,184.65 sq.m		
e.	Paved area			
f.	Others Specify	-		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	Total	8,738.60 sqm		
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	35.12	
		Recycled	42.28+37.80	
		Total	115.20	
b.	Source of water	Gram Panchayat		
c.	Waste water generation in KLD	109.44 KLD		
d.	STP capacity	130 KLD		
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
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	198cu.m.
	b.	No's of Ground water recharge pits	9 Nos.
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting tank of 105cum and excess to be harvested in recharge pits of 09nos
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 = 0.2 kg/day 20 Kg/day of waste will be generated. 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	292.80 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	195.20 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation to be handed over to authorized agencies
19		POWER	
	a.	Total Power Requirement - Operational Phase	750 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 750 KVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings = 27.39%
20		PARKING	
	a.	Parking Requirement as per norms	186ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	12.00 m wide road infront of the site towards North is connect to NH 67
	c.	Internal Road width (RoW)	3.00 m
21		CER Activities	Year: Corporate Environmental Responsibility (CER) 1st: Rain Water Harvesting in schools and colleges

		2nd	Avenue planation and planation in community places
		3rd	Solar Panels Provision in nearby community places
		4th	Drinking water and sanitation facility supply in nearby community places
		5th	Health camp in nearby community places
22	EMP • Construction phase • Operation Phase	EMP (Construction & Operation)	
		Operation Phase	**Construction Phase**
		Recurring Cost Per Annum = 52.2 lakhs Capital Cost = 215.0 lakhs	Recurring Cost Per Annum = 15.75 lakhs Capital Cost = 41.82 lakhs

The proposal is for construction of residential apartments in an area earmarked for residential use as per Hubbali -Dharwad Development Authority.

The committee during appraisal sought clarification for road passing in north as per zoning map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the road passing in north is a 3mtr walk way, which is retained as it is and free public access to be provided for the same. For harvesting rain water, the proponent has proposed 198cum capacity for runoff from rooftop and an additional tank of capacity 105cum, for runoff from landscape and paved areas in addition to 09nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that they had made provisions to grow 109 trees in the proposed project area 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.

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

281.32 Hotel, Restaurant/Office Project at Sy.Nos. 100/1, 100/2 & 101 (new khata no. 157/157/1), Shettigere Village, Jala Hobli, Bangalore North Taluk, Bangalore Urban District by M/s. Concorde International Hotels Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/ 278960/2022 (SEIAA 89 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Dayananda P Authorized Signatory M/s. Concorde International Hotels Pvt. Ltd.,

			Office at No. 134, HAL Airport Road, Kodihalli, Bengaluru 560017
2		Name & Location of the Project	Hotel, Restaurant/Office project by M/s. Concorde International Hotels Pvt. Ltd., at Sy. No. 100/1, 100/2 & 101 (new khata no. 157/157/1), Shettigere Village, Jala Hobli, Bangalore North Taluk, Bangalore Urban District
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hotel, Restaurant/Office Category 8(a), as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	No
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Tertiary drain is inside the Site
6		Plot Area (Sqm)	48,274.0 sq.m.
7		Built Up area (Sqm)	90,028.68 sq. m.
8		FAR • Permissible • Proposed	 2.25 0.97
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Buildings, Hotel Building: of 2 Basements + Ground Floor +Mezzanine Floor + Service Floor + 4 UpperFloors + Terrace floor Restaurant/ OfficeBuilding : Ground Floor + 3 UpperFloors + Terrace floor.
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11		Height Clearance	Obtained AAI NoC date:15.06.2022
12		Project Cost (Rs. In Crores)	180 Crores
13		Disposal of Demolition waster and or Excavated earth	No Demolition is involved.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	11,258.98 sqm
	b.	Kharab Land	Nil
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	13,804.21 sq.m
	d.	Internal Roads	16,767.76 sq.m
	e.	Paved area	
	f.	Others Specify	6443.05Sqm
	g.	Parks and Open space in case of	NA

		Residential Township/ Area Development Projects		
	h.	Total	41,830.95 sq.m.	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	HDMC	
	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	58.90
			Recycled	39.84+47.03
			Total	145.77 KLD
	b.	Source of water	HDMC	
	c.	Waste water generation in KLD	138.48 KLD	
	d.	STP capacity	160 KLD	
	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	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	608 cu.m.	
	b.	No's of Ground water recharge pits	41 Nos.	
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting tank of capacity 805cum and excess to be used for recharging the ground water through 41pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.1 kg/day Separate collection bins will be used for 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	249.6 kg/day. Biodegradable waste will be converted in organic convertor.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	166.4 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
	c.	Quantity of Hazardous Waste	Nil	

		generation and mode of Disposal as per norms	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation to be handed over to authorized agencies.
19		POWER	
	a.	Total Power Requirement - Operational Phase	2000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 2000 KVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	• Total energy savings of 26.71%
20		PARKING	
	a.	Parking Requirement as per norms	456ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH44 (Bangalore – Devanahalli) LOS - B
	c.	Internal Road width (RoW)	6.0 m
21		CER Activities	Year: Corporate Environmental Responsibility (CER) 1st: Rain Water Harvesting in schools and colleges 2nd: Avenue planation and planation in community places 3rd: Solar Panels Provision in nearby community places 4th: Drinking water and sanitation facility supply in nearby community places 5th: Health camp in nearby community places
22		EMP • Construction phase • Operation Phase	EMP (Construction & Operation) **Operation Phase**: Recurring Cost Per Annum = 53.7 lakhs; Capital Cost = 240.0 lakhs **Construction Phase**: Recurring Cost Per Annum = 15.75 lakhs; Capital Cost = 62.00 lakhs

The proposal is for construction of commercial building and hotel in an area earmarked for residential use as per BIAAPA, for which the proponent informed that they had obtained land conversion to commercial use.

The committee during appraisal sought clarification for drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that as per village map, tertiary drain is passing in the center of project and 3mtr buffer is provided as per BIAAPA regulations from the edge of drain on either sides. For harvesting rain water, the proponent has proposed 608cum capacity for runoff from rooftop and an additional tank of capacity 085cum, for runoff from landscape and paved areas in addition to 41nos recharge pits within the project area. Further the committee informed the proponent to install central water heating system,

so as to decrease overall power consumption for the proposed project, for which the proponent agreed.

The proponent informed that they had made provisions to grow 522 trees in the proposed project area 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.

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

281.33Residential Apartment Project at Sy. Nos.36/8, 36/10 of Yelenahalli Village, Begur Hobli, Bangalore South Taluk, Bangalore Urban District by M/s.Auk Suraksha Properties - Online Proposal No.SIA/KA/MIS/277938/2022 (SEIAA 85 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. AUK Suraksha Properties, No. 36/52, 4th Block, 12th Main, 27th Cross, 4th Block, Jayanagar, Bangalore-560011
2		Name & Location of the Project	Development of Residential Apartment project, Sy. No.36/8, 36/10, Yelenahalli Village, Begur Hobli, Bangalore South Taluk, Bangalore.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	7,517.54 Sqm
7		Built Up area (Sqm)	26,101.74 Sqm
8		FAR • Permissible	3.25
		• Proposed	2.57
9		Building Configuration [Number of Blocks / Towers /	B+G+4UF+Terrace

		Wings etc., with Numbers of Basements and Upper Floors]		
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	180 Nos.	
11		Height Clearance	Low rise structure max. ht of 14.95mtr	
12		Project Cost (Rs. In Crores)	Rs. 70 Cr.	
13		Disposal of Demolition waste and or Excavated earth	There is no demolition waste. Total earth excavation is about 38,000 m^3 For back filling = 15,000 m^3 For Landscape= 12,000 m^3 For Internal Road formation =11,000 m^3	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	3,989.26 Sqm	
	b.	Kharab Land	NA	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,954.64 Sqm	
	d.	Internal Roads	1,573.64 Sqm	
	e.	Paved area		
	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	7,517.54 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	25 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3 KLD	
	d.	Waste water generation in KLD	2 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	81
			Recycled	41
			Total	122KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	98KLD	
	d.	STP capacity	98KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 36 KLD will be used for floor washing, given to nearby construction activities/ avenue plantation/discharged to exiting UGD	
16		Infrastructure for Rain water harvesting		

	a.	Capacity of sump tank to store Roof run off	60 cum	
	b.	No's of Ground water recharge pits	15 Nos.	
17		Storm water management plan	Storm water to be stored in additional tank of 100cum capacity and excess to be used to recharge ground water through 15nos recharge pits.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	243 kg/day converted in to organic manure and used for garden	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	162 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given toPCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	720 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 KVA X 2 Nos.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 25.2%	
20		PARKING		
	a.	Parking Requirement as per norms	198 Nos.	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	To be spent onfor Yellenahalli Govt. School Infrastructure Development and donation to Bannerghatta National Park.	
22		EMP • Construction phase • Operation Phase	Capital investment	10.0 Lakhs
			During Construction	35.0 Lakhs/annum
			Capital investment	136.0 lakhs
			During operation	40.0 lakhs/annum

The proposal is for construction of residential apartments in an area earmarked for residential use as per BMICAPA.

The committee during appraisal sought clarification for water body and drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the water body in south east is at a distance of 90mtrs from the proposed project area and tertiary drain in south is out of the buffer zone with respect to project site. For harvesting rain water, the proponent has proposed 60cum capacity for runoff from rooftop and an additional tank of capacity 100cum, for runoff from landscape and paved areas in addition to 15nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that they had made provisions to grow 95 trees in the proposed project area 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.

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

281.34 Commercial (Office / Retail) / Residential Building (Villas)Project at Sy No. 13, 14/1, 14/2, & 16 of Handenahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. EVO Natura Homes - Online Proposal No.SIA/KA/MIS/274068/2022 (SEIAA 68 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Mr. B Chiranjeevi, Managing Partners Mr. EVO Natura Homes Having its office at no. 2566,Ground Floor, Vidham, 13th Cross, 27th Main, HSR Layout, Bangalore – 560102.
2		Name & Location of the Project	Residential Building (Villas) and Club House / Amenities by M/s. EVO Natura Homes at Sy No. 13, 14/1, 14/2, & 16 of Handenahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building (Villas) and Club House / Amenities Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	No
4		New/ Expansion/ Modification/ Renewal	New

5		Water Bodies/ Nalas in the vicinity of project site	There is Kunte towards east and there is tertiary drain towards north	
6		Plot Area (Sqm)	43,503.34 sq.m.	
7		Built Up area (Sqm)	42,495.45 sq. m.	
8		FAR • Permissible • Proposed	 3.25 3.20	
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	each villa having 1 Ground Floor + 2 Upper Floors. Club House and Amenities Building having Block A & B, each Block having 1 Ground Floor + 2 Upper Floors.	
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	144 Nos.	
11		Height Clearance	Low rise structure max ht of 10.35mtr	
12		Project Cost (Rs. In Crores)	84 Crores	
13		Disposal of Demolition waster and or Excavated earth	No Demolition is involved.	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	17,661.68 sqm	
	b.	Kharab Land	Nil	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	13,369.00 sq.m	
	d.	Internal Roads	9,481.43 sqm	
	e.	Paved area		
	f.	Others Specify	2991.23sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	43,503.34Sqm	
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	47.1
			Recycled	22.06+33.94
			Total	103.1 KLD
	b.	Source of water	Gram Panchayat	

	c.	Waste water generation in KLD	97.94 KLD
	d.	STP capacity	108 KLD
	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
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	954 cu.m.
	b.	No's of Ground water recharge pits	40 Nos.
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting system of capacity 455cum and excess will be used for recharging the ground water through 40 no of recharge pits
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	172.80 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	115.20 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	750 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 750 KVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings = 34.38%
20		PARKING	
	a.	Parking Requirement as per norms	328ECS
	b.	Level of Service (LOS) of the	LOS:B

<table>
<tr><td></td><td></td><td>connecting Roads as per the Traffic Study Report</td><td></td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>7 m</td></tr>
<tr><td>21</td><td>CER Activities</td><td colspan="2"><table>
<tr><td>Year</td><td>Corporate Environmental Responsibility (CER)</td></tr>
<tr><td>1st</td><td>Rain Water Harvesting in schools and colleges</td></tr>
<tr><td>2nd</td><td>Avenue planation and planation in community places</td></tr>
<tr><td>3rd</td><td>Solar Panels Provision in nearby community places</td></tr>
<tr><td>4th</td><td>Drinking water and sanitation facility supply in nearby community places</td></tr>
<tr><td>5th</td><td>Providing check dam for drains in consultation with concerned authority.</td></tr>
</table></td></tr>
<tr><td>22</td><td>EMP
• Construction phase
• Operation Phase</td><td colspan="2">EMP (Construction & Operation)<table>
<tr><th>Operation Phase</th><th>Construction Phase</th></tr>
<tr><td>Recurring Cost Per Annum = 53.7 lakhs
Capital Cost = 240.0 lakhs</td><td>Recurring Cost Per Annum = 15.75 lakhs
Capital Cost = 63.79lakhs</td></tr>
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The proposal is for construction of residential apartments in an area earmarked for residential use as per Anekal Planning Authority.

The committee during appraisal sought clarification for water body, drain and cart track road as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the water body in southern side, 30mtr buffer is proposed from the edge of the water body and for the drain in eastern side a buffer of 9mtr is proposed from the edge of the drain and informed that for the cart track road as per village map there is existing road in northern side. For harvesting rain water, the proponent has proposed 954cum capacity for runoff from rooftop and an additional tank of capacity 455cum, for runoff from landscape and paved areas in addition to 40nos recharge pits within the project area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that they had made provisions to grow 506trees in the proposed project area 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.

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

281.35 Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No. 43/*/1 of Ravoor Village, Chittapur Taluk & Kalaburagi District (1-10 Acres) by Sri Prakash - Online Proposal No.SIA/KA/MIN/278524/2022(SEIAA 285 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Prakash
2	Name & Location of the Project	Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No. 43/*/1 of Ravoor Village, Chittapur Taluk & Kalaburagi District (1-10 Acres)

Corner Pillar	Latitude	Longitude
BP-A	N 17° 05' 52.7"	E 76° 59' 42.6"
BP-B	N 17° 05' 51.3"	E 76° 59' 42.8"
BP-C	N 17° 05' 51.3"	E 76° 59' 39.8"
BP-D	N 17° 05' 53.2"	E 76° 59' 38.6

3	Type Of Mineral	Shahabad Stone (Cherty Limestone) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	59,780sqm/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.20 Crores (Rs. 20 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,62,500sqm. (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	59,780 sqm/ Annum (including waste)
11	**CER Activities:** • Propose to take up additional plantation of 100 locally suitable trees, on both side of the approach road Ravoor Village	
12	EMP Budget	Rs. 8.70 Lakhs (Capital Cost) & 2.06 Lakhs (Recurring cost)
13	Forest NOC	26.10.2021
14	Quarry plan	09.05.2022
15	Cluster certificate	06.06.2022
16	Revenue NOC	23.11.2021
17	Notification	05.02.2022
18	JSR	12.10.2021

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 6-05 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 120 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 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.

Considering the proved mineable reserve of 7,62,500 sqm (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 13 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 59,780 sqm / Annum (including waste).

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

281.36Building Stone Quarry Project at Sy.No. 29/2 of' Kanagalu village, Haranahalli Hobli, Periyapatna Taluk, Mysore District (3-10 Acres) by Sri Krishnadas T.C.- Online Proposal No.SIA/KA/MIN/277172/2022(SEIAA 265 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Krishnadas T.C.
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No. 29/2 of' Kanagalu village, Haranahalli Hobli, Periyapatna Taluk, Mysore District (3-10 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-10 Acres

GPS READINGS OF CORNER PILLERS

POINT	LATITUDE	LONGITUDE
A	N 12° 33' 12.4"	E 76° 01' 46.6"
B	N 12° 33' 15.9"	E 76° 01'45.8"
C	N 12° 33' 15.6"	E 76° 01' 44.4"
D	N 12° 33' 18.0"	E 76° 01' 43.5"
E	N 12° 33' 18.1"	E 76° 01'42.7"
F	N 12° 33' 17.3"	E 76° 01' 41.6"
G	N 12° 33' 15.1"	E 76° 01' 42.2"
H	N 12° 33' 13.8"	E 76° 01' 44.2"
I	N 12° 33' 12.0"	E 76° 01' 44.6"

DATUM-WGS-84

7	Annual Production (Metric Ton / Cum) Per Annum	63,158 tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.37 Crores (Rs. 137 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	9,56,330 tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	63,158 tons/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels to common public places to GHPS school at Kanagalu Village
2nd	Scientific Support and awareness to local farmers to increase yield of crop and fodder
3rd	Rain Water harvesting of GHPS school at Kanagalu Village
4th	Conducting E-waste drive campaigns at GHPS school at Kanagalu Village
5th	Health camps in GHPS school at Kanagalu Village

12	EMP Budget	Rs. 58.34 Lakhs (Capital Cost) & 7.76 Lakhs (Recurring cost)
13	Forest NOC	18.09.2021
14	Quarry plan	07.06.2022
15	Cluster certificate	07.06.2022
16	Revenue NOC	07.09.2021
17	Notification	23.05.2022
18	DTF	09.11.2021

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 4-10 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1060 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalted 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.

Considering the proved mineable reserve of 9,56,330 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 15 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual productionof63,158 tons/Annum (including waste).

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

281.37Shahabad Stone Quarry Project at Sy. No. 89, Miriyan Village, Chincholi Taluk, Kalaburagi District (2-00 Acres) by Sri P. Srikanth Reddy S/o P. Chenna Reddy - Online Proposal No.SIA/KA/MIN/278178/2022 (SEIAA 276 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri P. Srikanth Reddy S/o P. Chenna R
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 89, Miriyan Village, Chincholi Taluk, Kalaburagi District (2-00 Acres)

Boundary Points	Latitude	Longitude
BP-A	N 17° 22' 55.2"	E 77° 29' 36.5"
BP-B	N 17° 22' 54.9"	E 77° 29' 38.6"
BP-C	N 17° 22' 50.2"	E 77° 29' 38.3"
BP-D	N 17° 22' 50.3"	E 77° 29' 36.7"

3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	5,830 Cu.mt/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.08 Crores (Rs. 108 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	50,350 Cu.mt. (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	5,830 Cu.mt/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Health camps in GHPS in Miriyan Village
2nd	Rain Water harvesting of GHPS in Miriyan Village
3rd	Providing Solar Power Panels is GHPS at Miriyan Village
4th	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages
5th	Scientific Support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 52.36 Lakhs (Capital Cost) &5.88 Lakhs (Recurring cost)
13	Forest NOC	11.08.2020
14	Quarry plan	22.10.2021
15	Cluster certificate	02.06.2022
16	Revenue NOC	29.06.2020
17	Notification	08.06.2021
18	JSR	15.04.2021

As per the cluster sketch there are 04 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 6-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1330 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 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.

Considering the proved mineable reserve of 50,350 Cu.mt (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 5,830 Cu.mt / Annum (including waste).

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

281.38 Ordinary Sand Quarry Project at Sy. Nos. 161/1, 162/1 & 162/2 of Muddaballi Village, Koppal Taluk, Koppal District (5-02 Acres) by Sri Murageppa Honakeri - Online Proposal No. SIA/KA/MIN/274138/2022 (SEIAA 282 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Murageppa Honakeri
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 161/1, 162/1 & 162/2 of Muddaballi Village, Koppal Taluk, Koppal District (5-02 Acres)
3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal,	Patta

GPS READING OF CORNER PILLARS

CORNER PILLAR	LATITUDE	LONGITUDE
BP-A	N15°16'38.85"	E76°06'51.02"
BP-B	N15°16'36.63"	E76°06'51.19"
BP-C	N15°16'36.14"	E76°06'47.26"
BP-D	N15°16'34.63"	E76°06'47.01"
BP-E	N15°16'34.49"	E76°06'44.76"
BP-F	N15°16'35.68"	E76°06'43.60"
BP-G	N15°16'36.80"	E76°06'41.67"
BP-H	N15°16'37.78"	E76°06'44.43"

MAP DATUM - WGS 84

	Private / Patta, Other]	
6	Area in Acres	5-02 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	11,536.66 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.26 Crores (Rs. 126 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	57,684.30 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	11,536.66 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Budihal Village
2nd	Rain Water harvesting of GHPS school at Budihal Village
3rd	Avenue Plantation either side of the approach road near Quarry site & Repair or road with drainages
4th	Conducting E-waste drive campaigns at GHPS school at Budihal Village
5th	Health camps in GHPS school at Budihal Village

12	EMP Budget	Rs. 14.41 Lakhs (Capital Cost) & 8.45 Lakhs (Recurring cost)
13	Forest NOC	24.09.2021
14	Quarry plan	18.05.2022
15	Cluster certificate	18.05.2022
16	Revenue NOC	15.11.2021
17	DTF	14.03.2022
18	DSR	04.04.2022
19	Depth in JIR	3mtrs

As per the cluster sketch there are no other lease in a radius of 500 mtr from the said lease and area of the said lease is 5-02 Acres and hence the project is categorized as B2. Proponent submitted clarification from DMG, informing that there is no river bed sand mining in a radius of 5km from the proposed site area.

There is an existing cart track road to a length of 84meters 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 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.

Considering the proved mineable reserve of 57,684.30 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 11,536.66 Cum/Annum (including waste).

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

281.39 **Building Stone Quary Project at Sy.No. 930/1K/1, 2 of Kagwad Village, Kagwad Taluk, Belagavi District (1-17 Acres) by Sri Raju Govind Waddar - Online Proposal No.SIA/KA/MIN/276867/2022(SEIAA 258 MIN 2022)**

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Raju Govind Waddar
2	Name & Location of the Project	Building Stone Quary Project at Sy.No. 930/1K/1, 2 of Kagwad Village, Kagwad Taluk, Belagavi District (1-17 Acres)
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-17 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	20,408 tons/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	1,57,077 tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,408 tons/Annum (including waste)
11	**CER Activities:** • Propose take up 150 No. of additional plantation on either side of the approach road from quarry location to Kagwad Village Road	
12	EMP Budget	Rs. 10.60 Lakhs (Capital Cost) & 2.60 Lakhs (Recurring cost)
13	Forest NOC	21.05.2021
14	Quarry plan	17.05.2022
15	Cluster certificate	17.05.2022
16	Revenue NOC	04.02.2021
17	Notification	28.04.2022

Corner Pillar	Latitude	Longitude
BP-A	N 16^0 42'08.0008"	E 74^0 42'20.5015"
BP-B	N 16^0 42'07.4013"	E 74^0 42'20.9076"
BP-C	N 16^0 42'08.6043"	E 74^0 42'25.0061"
BP-D	N 16^0 42'10.1054"	E 74^0 42'23.9076"

As per the cluster sketch there are no other lease in a radius of 500mtr from the said lease and area of the said lease is 1-17A and hence the project is categorized as B2.

There is an existing cart track road to a length of 490 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher

as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 1,57,077 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 20,408 tons/Annum (including waste).

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

281.40 Building Stone Quarry Project at Sy.No. 386 of Matavara Village, Chikkamagaluru Taluk & District (1-00 Acre) by Sri C M George - Online Proposal No. SIA/KA/MIN/238703/2021 (SEIAA 621 MIN 2021):Expansion

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri C M George
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No. 386 of Matavara Village, Chikkamagaluru Taluk & District (1-00 Acre)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	32,115 tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,17,922 tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	32,115 tons/Annum (including waste)

B. P. No.	Latitude	Longitude
A	N 13° 18' 28.3"	E 75° 43' 54.1"
B	N 13° 18' 28.1"	E 75° 43' 52.8"
C	N 13° 18' 24.9"	E 75° 43' 53.0"
D	N 13° 18' 25.0"	E 75° 43' 54.0"

11	**CER Activities:** • Propose take up 100 No. of additional plantation on either side of the approach road from quarry location to matavara village road	
12	EMP Budget	Rs. 9.65 Lakhs (Capital Cost) & 2.25 Lakhs (Recurring cost)
13	Forest NOC	07.05.2014
14	Quarry plan	07.04.2021
15	Cluster certificate	15.07.2021
16	Revenue NOC	10.02.2015
17	Notification	22.05.2015
18	CCR from KSPCB	22.02.2022

The proposal is for expansion, wherein EC was issued on 26.10.2015 by SEIAA and lease was granted on 06.01.2016. The proponent had submitted certified compliance report from KSPCB dated 22.02.2022 and audit report certified by DMG Authorities dated 16.06.2022.

There is an existing cart track road to a length of 780 meters connecting lease area to the all weather black topped road and the committee informed that the increase in production should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation and also to comply with the observations made by KSPCB in Certified Compliance Report, 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.

Considering the proved mineable reserve of 2,17,922 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 32,115 tons/Annum (including waste).

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

281.41 Building Stone Quarry Project at Sy No. 46 of Bommanayakanahalli Village, K.R. Pete Taluk, Mandya District (2-00 Acres) by Sri H T Manju - Online Proposal No. SIA/KA/MIN/235467/221 (SEIAA 584 MIN 2021): Expansion

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri H T Manju
2	Name & Location of the Project	Building Stone Quarry Project at Sy No. 46 of Bommanayakanahalli Village, K.R. Pete Taluk, Mandya District (2-00 Acres)

		GPS READINGS OF CORNER PILLERS POINT / LATITUDE / LONGITUDE A / N 12° 38' 54.6" / E 76° 33' 53.0" B / N 12° 38' 55.2" / E 76° 33' 55.1" C / N 12° 38' 53.5" / E 76° 33' 55.8" D / N 12° 38' 54.0" / E 76° 33' 57.8" E / N 12° 38' 52.8" / E 76° 33' 58.2" F / N 12° 38' 51.9" / E 76° 33' 54.4" DATUM-WGS-84
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	63,158 tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.11 Crores (Rs. 111 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,88,530 tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	63,158 tons/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GLPS school at Bommanayakanahalli Village
2nd	The Proponent Propose to Distribute nursery plants at Bommanayakanahalli Village at Strengthening of approach road.
3rd	Rain Water harvesting of GLPS in Bommanayakanahalli Village
4th	
5th	Health camps in GLPS in Bommanayakanahalli Village

12	EMP Budget	Rs. 13.91 Lakhs (Capital Cost) & 8.46 Lakhs (Recurring cost)
13	Forest NOC	04.12.2017
14	Quarry plan	08.10.2021
15	Cluster certificate	08.10.2021
16	Revenue NOC	06.12.2017
17	Notification	21.03.2007
18	JIR	16.02.2012
19	CCR from KSPCB	27.05.2022

The proposal is for expansion, wherein EC was issued on 30.12.2017 by DEIAA and lease was granted on 23.01.2017. The proponent had submitted certified compliance report from KSPCB dated 27.05.2022 and audit report till (2021-22) certified by DMG Authorities dated 15.06.2022.

There is an existing cart track road to a length of 420 meters connecting lease area to the all weather black topped road and the committee informed that the increase in production should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as

per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation and also to comply with the observations made by KSPCB in Certified Compliance Report, 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.

Considering the proved mineable reserve of 4,88,530 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 63,158 tons/Annum (including waste).

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

281.42 **Dolomite Quarry Project at Sy. Nos. 158, 159/1 & 159/2 of Shirur Village, Bagalkot Taluk & District (4.107 Ha) by M/s. Sesha Sai Minerals - Online Proposal No.SIA/KA/MIN/275897/2022 (SEIAA 255 MIN 2022)**

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Sesha Sai Minerals
2	Name & Location of the Project	Dolomite Quarry Project at Sy. Nos. 158, 159/1 & 159/2 of Shirur Village, Bagalkot Taluk & District (4.107 Ha) BP. No. / Latitude / Longitude BP-1 / N 16° 06' 54.15495" / E 75° 44' 13.47359" BP-2 / N 16° 06' 54.57408" / E 75° 44' 19.04746" BP-3 / N 16° 06' 59.92542" / E 75° 44' 18.47023" BP-4 / N 16° 07' 02.30841" / E 75° 44' 13.46817" BP-5 / N 16° 07' 02.09200" / E 75° 44' 12.73073" BP-6 / N 16° 07' 01.24543" / E 75° 44' 11.93324" BP-7 / N 16° 07' 00.75093" / E 75° 44' 10.90760" BP-8 / N 16° 07' 00.41297" / E 75° 44' 09.48026" NP-9 / N 16° 06' 59.21475" / E 75° 44' 05.84827" BP-10 / N 16° 06' 59.19509" / E 75° 44' 13.61580"
3	Type Of Mineral	Dolomite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	10.06 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,38,000 tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.21 Crores (Rs.21.24 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	26,33,694 tons (including waste)
10	Permitted Quantity Per Annum -	1,38,000 tons/Annum (including waste)

	Cu.m / Ton	
11	**CER Activities:** • To provide additional rooms to nearby village Govt. School	
12	EMP Budget	Rs. 2.03Lakhs (Capital Cost) &1.25 Lakhs
13	Forest NOC	22.05.2019
14	Quarry plan	06.05.2022
15	Cluster certificate	05.05.2022
16	Revenue NOC	11.07.2019
17	C&I Notification	08.03.2022
18	DTF	30.01.2021

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease out of which 1 lease is exempted from cluster as the lease was granted prior to 09/09/2013. The total area of the present lease is 10-06 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 40 meters connecting lease area to the all weather black topped road and the committee informed that the increase in production should be commenced after asphalting the approach road to the quarry as per IRC (Indian Road Congress) standard norms &should grow trees all along the approach road during the first year of operation and also to comply with the observations made by KSPCB in Certified Compliance Report, 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.

Considering the proved mineable reserve of 26,33,694 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 19 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,38,000 tons/Annum (including waste).

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

281.43 Sand Mining Block - 2" of Gurupura River Sand Quarry Project at Sy. No - 27 (River Sy. No. 51), Mogru Village, Mangaluru Taluk, Dakshina Kannada District (1-20 Acres) by Sri Muhammed Ashraf - Online Proposal No. SIA/KA/MIN/278039/2022 (SEIAA 274 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Muhammed Ashraf
2	Name & Location of the Project	Sand Mining Block - 2" of Gurupura River Sand Quarry Project at Sy. No - 27 (River Sy. No. 51), Mogru Village, Mangaluru Taluk, Dakshina Kannada District (1-20 Acres)

		BP. No / Latitude / Longitude A / N 12° 56' 57.0" / E 74° 57' 53.3" B / N 12° 57' 00.3" / E 74° 57' 59.0" C / N 12° 56' 59.4" / E 74° 57' 59.4" D / N 12° 56' 56.2" / E 74° 57' 53.9" WGS - 84 DATUM
3	Type Of Mineral	Sand Mining
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt.
6	Area in Acres	1-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	6,070 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.52 Crores (Rs. 52.27 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	18,000 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	6,070 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Malai Village
2nd	Scientific Support and awareness to local farmers to increase yield of crop and fodder
3rd	Conducting E-waste drive campaigns at GHPS school at Malai Village
4th	Rain Water harvesting of GHPS school at Malai Village
5th	Health camps in GHPS school at Malai Village

12	EMP Budget	Rs. 16.72 Lakhs (Capital Cost) & 3.15 Lakhs (Recurring cost)
13	Forest NOC	31.03.2022
14	Quarry plan	10.06.2022
15	Cluster certificate	10.06.2022
16	DTF	11.08.2021
17	LOI	11.04.2022
18	Depth as per form JIR	3mtr
19	District Sand Monitoring committee	11.08.2021
20	Gazette Notification for auction	19.12.2019

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 4-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 520 meters connecting the lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard norms &should grow trees all along the approach road and informed the proponent not to use any machinery for sand mining and not to carry out instream mining, 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 proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

Considering the proved mineable reserve of 18,000 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,070 Cum/Annum (including waste) and with a conditions to carry out mining only in non rainy seasons.

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

281.44 Sand Mining Block - 1" of Gurupura River Sand Quarry Project at In River Sy No's – 63 & Adjacent Sy No 62 & 60, Adduru Village, Mangaluru Taluk, Dakshina Kannada District (3-31 Acres) by Sri Muhammed Zakariya - Online Proposal No. SIA/KA/MIN/278102/2022 (SEIAA 275 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Muhammed Zakariya
2	Name & Location of the Project	Sand Mining Block - 1" of Gurupura River Sand Quarry Project at In River Sy No's – 63 & Adjacent Sy No 62 & 60, Adduru Village, Mangaluru Taluk, Dakshina Kannada District (3-31 Acres) BP. No / Latitude / Longitude A / N 12° 56' 02.96" / E 74° 56' 55.25" B / N 12° 55' 58.67" / E 74° 56' 58.39" C / N 12° 55' 57.00" / E 74° 57' 02.33" D / N 12° 56' 57.62" / E 74° 57' 02.59" E / N 12° 56' 03.83" / E 74° 56' 56.02" WGS - 84 DATUM
3	Type Of Mineral	Sand Mining
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt.
6	Area in Acres	3-31 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	13,372 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.01 Crores (Rs. 101 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	40,116 Cum (including waste)
10	Permitted Quantity Per Annum -	13,372 Cum/Annum (including waste)

	Cu.m / Ton	
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS School at Adduru Village
2nd	Conducting E-waste drive campaigns at Adduru Village
3rd	Rain Water harvesting of GHPS in Adduru Village
4th	Scientific Support and awareness to local farmers to increase yield of crop and fodder
5th	Health camps in GHPS in Adduru Village

12	EMP Budget	Rs. 10.65 Lakhs (Capital Cost) & 4.12 Lakhs (Recurring cost)
13	Forest NOC	31.03.2022
14	Quarry plan	10.06.2022
15	Cluster certificate	10.06.2022
16	DTF	11.08.2021
17	LOI	11.04.2022
18	Depth as per form JIR	3mtr
19	District Sand Monitoring committee	11.08.2021
20	Gazette Notification for auction	19.12.2019

As per the cluster sketch there are no other lease within 500 meter radius from this lease and the total area of the said lease is 3-31 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 290 meters connecting the lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard norms &should grow trees all along the approach road and informed the proponent not to use any machinery for sand mining and not to carry out instream mining, for which the proponent agreed. Proponent informed that there is a bridge at a distance of 523mtrs downstream to the proposed project site and no canal in the vicinity of the proposed project area.

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 proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

Considering the proved mineable reserve of 40,116 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 13,372 Cum/Annum (including waste) with a conditions to carry out mining only in non rainy seasons.

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

281.45 **Mogaru SAND MINING BLOCK - 1 of Gurupura River Sand Quarry Project at Sy. No – 25,26 & 27 (River Sy No 51), Mogaru Village, Mangalore Taluk, Dakshina Kannada District (2-50 Acres) (SEIAA 272 MIN 2022) Sri Rajendra Menda - Online Proposal No. SIA/KA/MIN/278003/2022**

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Rajendra Menda
2	Name & Location of the Project	Mogaru SAND MINING BLOCK - 1 of Gurupura River Sand Quarry Project at Sy. No – 25,26 & 27 (River Sy No 51), Mogaru Village, Mangalore Taluk, Dakshina Kannada District (2-50 Acres) BP No / Latitude / Longitude A N 12° 57' 08.1 1° 24' 58' 06.5 B N 12° 57' 08.5 1° 24' 58' 09.2 C N 12° 57' 08.8" 1° 24' 58' 13.2" D N 12° 57' 07.5" 1° 24' 58' 14.1" E N 12° 57' 01.8" 1° 24' 58' 7.00" WGS - 84 DATUM
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt.
6	Area in Acres	2.50 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,100 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.63 Crores (Rs. 63 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	30,300 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,100 Cum/Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHS school at Malai Village
2nd	Scientific Support and awareness to local farmers to increase yield of crop and fodder
3rd	Conducting E-waste drive campaigns at Malai Village
4th	Rain Water harvesting of GHS school at Malai Village
5th	Health camps in GHS school at Malai Village

12	EMP Budget	Rs. 11.15 Lakhs (Capital Cost) & 3.45 Lakhs (Recurring cost)
13	Forest NOC	31.03.2022
14	Quarry plan	10.06.2022
15	Cluster certificate	10.06.2022
16	DTF	11.08.2021
17	LOI	11.04.2022
18	Depth as per form JIR	3mtr

19	District Sand Monitoring committee	11.08.2021
20	Gazette Notification for auction	19.12.2019

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 4-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 330 meters connecting the lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard norms &should grow trees all along the approach road and informed the proponent not to use any machinery for sand mining and not to carry out instream mining, for which the proponent agreed. Proponent informed that there are no canal in the vicinity of the proposed project area.

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 proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

Considering the proved mineable reserve of 30,300 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,100 Cum/Annum (including waste) with a conditions to carry out mining only in non rainy seasons.

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

281.46 Expansion of Common Bio-medical Waste Management Facility Project at Sy. No. 240 of Sharan Sirsagi, Afzalpur Road, Kalaburagi by M/s. Brundhavana Foundation - Online Proposal No.SIA/KA/MIS/72916/2022(SEIAA 14 IND 2022)

The proposal is for expansion of Bio Medical Waste Management Facility Project from 50kg/hr to 200 kg/hr.

The committee had received request letter from Indian Medical Association (IMA) dated 05.07.2022, informing not to issue EC to Brandavana trust for handling Bio Medical Waste and a copy of Order from Enquiry Officer & Regional Commissioner, Kalburgi Division, letter dated 08.02.2021, Ordering DC, Kalburgi and District Health & Family Welfare Officer, Kalburgi to recall tender for handling bio-medical waste and sector specific EIA coordinator also not present. Hence the committee informed the proponent to get clarification from competent authorities for the above letter/order. The committee after discussion decided to deferred the project for granting ToR.

Action: Member Secretary, SEAC to putup before SEAC, until submission of clarification sought.

281.47 Municipal Solid Waste Management Disposal Facility for Inert Waste Project at Sy. No. 50 over an extent of 11 Acres 9 Guntas of Kannur Village, Bengaluru East Taluk, Bengaluru Urban District by (M/s. The Exicutive Engineer - 4, B.B.M.P. - Online Proposal No.SIA/KA/MIS/77155/2022 SEIAA 18 IND 2022)

The proposal is for setting up of new Municipal Solid Waste Management Disposal Facility for Inert waste by BBMP. The proponent informed that the proposed project is in a old quarry pit, with an area of 11A 9G and for a capacity of 650 tonns/day.

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

1) Detailed waste collection, segregation (wet waste, dry waste and inert waste) and transportation (including traffic management) plan shall be studied and submitted in detail with budget provisions.
2) Submission of detailed methodology adopted for segregation of Bio-medical waste from household waste.
3) Compliance to the recent NGT order regarding solid waste management may be detailed and submitted.
4) The control measures to tackle Leachate and odour nuisance including planting of odour suppressing tree species may be detailed.
5) To explore the possibility of integrating Bio-methanization for fuel energy along with solid waste processing plant may be detailed and submitted.
6) Detailed layout plan for the proposed project with legend.
7) Compliance to SWM Rules 2016 and NGT Guidelines dated20.08.2018.
8) To take up CER Activities towards development of villages of nearby area.
9) Phasing out single use plastic as per direction of CPCB Guidelines.

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

281.48 Building Stone (M-Sand) Quarry Project at Sy.No. 142 of Aralasandra Village, Kanakapura Taluk, Ramanagara District (11-20 Acres) (QL No 1383) by M/s. Shilpa Exports - Online Proposal No.SIA/KA/MIN/77979/2022(SEIAA 267 MIN 2022) : Expansion

The proposal is for expansion and earlier EC was issued by SEIAA on 30.01.2017, in Govt. Land and the lease was notified on 20.02.2016 for 20years & quarry plan approved on 25.03.2022.

The lease area is 11-20 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1 and decided to recommend the proposal to SEIAA for issue of standard TOR with the following additional TOR to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.
4. Buffer from nala or water body as per norms.
5. Traffic Studies
6. Audit report till date.
7. Traffic Studies

8. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
9. Certified Compliance Report to Earlier EC

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

281.49 Building Stone Quarry Project at Sy. No. 116 of Arasikatte Village, Arakagudu Taluk, Hassan District (8-20 Acres) by Sri M.M. Suresh - Online Proposal No.SIA/KA/MIN/78448/2022 (SEIAA 287 MIN 2022)

The proponent remained absent. The committee after discussion decided to defer the project.

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

281.50 Building Stone Quarry Project at Sy.No.516/10 in Ucchangidurga Village, Harappanahalli Taluk & Vijayanagara District (3-90 Acres) by Sri E. Channabasappa - Online Proposal No.SIA/KA/MIN/78984/2022 (SEIAA 297 MIN 2022)

The proponent has obtained NOCs from Forest & Revenue Department. The lease was notified on 01.02.2021 & quarry plan approved on 29.01.2021, the proponent requested the committee to conduct common Public Hearing for the leases falling in same cluster, the committee agreed to conduct common PH for the leases falling in same cluster for the following proposals - SEIAA 297 MIN 2022, SEIAA 298 MIN 2022, SEIAA 305 MIN 2022 & SEIAA 306 MIN 2022.

The lease area is 3.90 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1 and decided to recommend the proposal to SEIAA for issue of standard TOR with the following additional TOR to conduct EIA studies along with public hearing

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Traffic studies
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling details should be submitted.
5. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.
6. Buffer from nala or water body as per norms.

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

281.51 Building Stone Quarry Project at Sy.No.44/B in Chetnahalli Village, Harappanahalli Taluk, Vijayanagara District (1-29 Acres) by Sri Venkatesh - Online Proposal No.SIA/KA/MIN/78987/2022 (SEIAA 298 MIN 2022)

The proponent has obtained NOCs from Forest & Revenue Department. The lease was notified on 19.11.2020 & quarry plan approved on 10.12.2020, the proponent requested the committee to conduct common Public Hearing for the leases falling in same cluster, the committee agreed to

conduct common PH for the leases falling in same cluster for the following proposals - SEIAA 297 MIN 2022, SEIAA 298 MIN 2022, SEIAA 305 MIN 2022 & SEIAA 306 MIN 2022.

The lease area is 1.29 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1 and decided to recommend the proposal to SEIAA for issue of standard TOR with the following additional TOR to conduct EIA studies along with public hearing

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Traffic studies
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling details should be submitted.
5. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.
6. Buffer from nala or water body as per norms.

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

281.52 Building Stone Quarry Project at Sy.No.9/1 in Chetnahalli Village, Harappanahalli Taluk & Vijayanagara District (1-51 Acres) by Sri Nagaraj Naik P - Online Proposal No. SIA/KA/MIN/79188/2022 (SEIAA 305 MIN 2022)

The proponent has obtained NOCs from Forest & Revenue Department. The lease was notified on 25.02.2021 & quarry plan approved on 29.01.2021, the proponent requested the committee to conduct common Public Hearing for the leases falling in same cluster, the committee agreed to conduct common PH for the leases falling in same cluster for the following proposals - SEIAA 297 MIN 2022, SEIAA 298 MIN 2022, SEIAA 305 MIN 2022 & SEIAA 306 MIN 2022.

The lease area is 1.51 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1 and decided to recommend the proposal to SEIAA for issue of standard TOR with the following additional TOR to conduct EIA studies along with public hearing

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Traffic studies
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling details should be submitted.
5. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.
6. Buffer from nala or water body as per norms.

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

281.53 Building Stone Quarry Project at Sy.No.9/1 in Chetnahalli Village, Harappanahalli Taluk, Vijayanagara District (5-00 Acres) by Sri Durgada Basavaraj - Online Proposal No.SIA/KA/MIN/79189/2022 (SEIAA 306 MIN 2022)

The proponent has obtained NOCs from Forest & Revenue Department. The lease was notified on 09.10.2020& quarry plan approved on 05.11.2020, the proponent requested the committee to conduct common Public Hearing for the leases falling in same cluster, the committee agreed to conduct common PH for the leases falling in same cluster for the following proposals - SEIAA 297 MIN 2022, SEIAA 298 MIN 2022, SEIAA 305 MIN 2022 & SEIAA 306 MIN 2022.

The lease area is 5.00 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1 and decided to recommend the proposal to SEIAA for issue of standard TOR with the following additional TOR to conduct EIA studies along with public hearing

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Traffic studies
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling details should be submitted.
5. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.
6. Buffer from nala or water body as per norms.

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

281.54 Hiremagi-Sulebhavi-Aihole Iron Ore Mine Project in M.L.No.2649 at Hiremagi F.S, Sulebhavi F.S.No.367, Aihole F.S.No.166, Hiremagi-Sulebhavi-Aihole Villages, Hungund Taluk, Bagalkot District (30.33 Ha) by Sri Doddanavar Brothers - Online Proposal No.SIA/KA/MIN/29315/2018 (SEIAA 68 MIN (VIOL) 2018)

The proposal was considered in 218th SEIAA meeting and the Authority had referred back the proposal informing as below,

"The Project proponent requesting this Authority for exempting the public hearing and issue amendment to ToRs. The Lease was being operating with the valid Environment Clearance by Completing the Public hearing vide letter No. J-11015/383/2005-IA. II (M) dated 09.05.2006 & 20.12.2006 for an increase in production capacity from 0.036 MTPA to 0.60 MTPA.

Meanwhile, the Hon'ble Supreme Court Judgement dated 07.02.2018 in SLA (C) 32138/2015 and Gazette Notification S. O. 1530 (E) dated 06.04.2018 existing mining lease has to obtain fresh EC as per EIA Notification, 2006. Hence the project proponent had applied for fresh EC.

The proposal was referred back from the Authority to Committee. The proposal was taken in 217th SEAC meeting and also project proponent was requested to exempt the public hearing as per 7(ii) of EIA Notification 2006. The same was accepted the committee and decided to conduct the site inspection assessing the ground realities of the project and to issue site specific ToR.

The proposal was once again considered by 219th SEAC meeting and decide to forward the proposal to SEIAA for issue of Standard Tor and site specific additional ToR's to conduct EIA Studies by utilizing one month baseline data in accordance with EIA Notification 2006 and exempted the project from public hearing.

While issuing ToR there was variation in the approved ToR vis-à-vis the recommendation made from SEAC. Therefore, the project proponent requested the Authority to issue corrigendum to Terms of Reference by exempting the public hearing.

The Authority perused the request made by the project proponent , it appears that though in the deliberations of SEAC it is mentioned as reccomended for exemption from public hearing and however in the TOR issued the indicates to have the public hearing conducted. and after discussion decided to refer the matter to SEAC to express their clear opinion on the matter."

In the present meeting, the proponent with reference to MoEF&CC Notification, dated 06.04.2018, for the mining projects for which EC was issued under EIA Notification, 1994, informed the committee, that for the projects involving validity of the environmental clearance and expansion of mining projects vis-à-vis the base production, shall make application within six months from the date of issue of this notification in Form-1 as given in Appendix-II of the EIA Notification, 2006, for grant of environmental clearance under the provisions of the EIA Notification, 2006, and all such applications shall be considered by the concerned Expert Appraisal Committee or the State Level Expert Appraisal Committee, as the case may be, who shall decide on the due diligence necessary including preparation of Environmental Impact Assessment Report and public consultation and the application shall be appraised accordingly for grant of environmental clearance.

The proponent informed that they had applied of EC on 01.10.2018 as per MoEF&CC Notification 06.04.2018, i.e within six months from the issue of the said Notification and further informed that as per MoEF&CC O.M, dated 16.02.2021, for the present proposal there was no change in production capacityand mining and requested the committee to consider the proposal for issue of EC by exempting from public hearing and to issue amendment to ToR.

The committee noted the clarification given by proponent and after discussion decided to reiterate its earlier decision taken in 219th SEAC meeting and to recommend the proposal to SEIAA for further necessary actions.

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

281.55 Expansion of Residential Apartment Survey No. 168, Khata No. 824/7/168 of Hosakerehalli Village, Bengaluru South Taluk, Bengaluru District by M/s. Tata Housing Development Company Ltd. - Online Proposal No. SIA/KA/MIS/74685/2022 (SEIAA 42 CON 2022)

The proposal was considered in 278th SEAC meeting, the committee had recommended the proposal to SEIAA for issue of ToR along with additional ToRs and also had decided to have site visit to know the existing developmental and constructional details and also to issue any site specific ToR if required.

The committee in the present meeting decided not to have site visit and to issue standard ToR along with additional ToR as per 278th SEAC meeting and decided to recommend to SEIAA for issue ToRs without requirement of site visit.

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

281.56 IT & ITES office Buildings Project at Sy. Nos.28/1, 28/2, 28/3C, 28/4, 28/6, 3/1A, 3/1B, 3/2, 6/1, 6/2, 6/3, 6/4, 6/5, 4/1, 4/2, 4/3, 4/4, 26/1, 26/2, 2/3A, 28/3C, 28/3D, 3/2P, 28/3A, 28/3B, 28/P, 28/4P, 6/8, 6/9, 92, 93, 28/5, 29, 10(P), 11 (Plot No. 45 & 46), 5(P) – Plot No. 44 & 97 A(P), 5(P) – (Plot No. 97B, 97C, 97D, 97E, 97G), 11 & 15, 26/3, 26/4, 26/5, 26/6, 2/3A, 2/3B, 2/3C, 7(P), 1/14, 28/5, 29, 27, Site No. 113, 123, 23D, 190, Konappana Agrahara and Sy. No. 44, Doddathoguru Village, Bengaluru South Taluk, Bengaluru by M/s. Infosys Limited - Online Proposal No.SIA/KA/MIS/72665/2022 (SEIAA 33 CON 2022)

The proposal was considered in 276th SEAC meeting, the committee had recommended the proposal to SEIAA for issue of ToR along with additional ToRs and also had decided to have site visit to know the existing developmental and constructional details and also to issue any site specific ToR if required.

The committee in the present meeting decided not to have site visit and to issue standard ToR along with additional ToR as per 276th SEAC meeting and decided to recommend to SEIAA for issue ToRs without requirement of site visit.

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

281.57 Manufacturing of Industrial & Specialty Solvents Project at Plot Nos.20A2, 20B, 20B1 & 21P, KIADB Industrial Area of Chokkahalli Village, Hoskote Taluk, Bangalore Rural District by M/s. Somu Solvents Pvt. Ltd. - Online Proposal No.SIA/KA/IND2/62088/2021(SEIAA 28 IND 2021)

About the project:

Sl. No.	PARTICULARS	INFORMATION
1	Name & address of the project proponent	M. Dhananjay, Executive Director M/s. Somu Solvents Pvt. Ltd., Plot no. 20A2, 20B, 20B1 & 21P, KIADB Industrial Area, Chokkahalli Village, Hoskote Taluk, Bangalore Rural District, Bangalore 562114
2	Name & location of the project	M/s. Somu Solvents Pvt. Ltd., Plot no. 20A2, 20B, 20B1 & 21P, KIADB Industrial Area, Chokkahalli Village, Hoskote Taluk, Bangalore Rural District, Bangalore 562114

3	Environmental sensitivity		
	a.	Distance from Nearest Lake/River/Nala	• Hullur kere at 2.2 km, South East • Ponnayar or Dakshina Pinakini river – seasonal at 6.7 km, North West
	b.	Distance from Protected area notified under wildlife protection act	None within study area
	c.	Distance from the interstate boundary	Not applicable
	d.	Whether located in critically/ severally polluted area as per the CPCB norms	No
4	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		The project falls under schedule 5(f) and Category-B1 of the EIA Notification 2006 issued by MoEF, Government of India
5	New/ Expansion/ Modification/ Product mix change		Expansion
6	Plot area (Sqm)		10,537
7	Ground coverage area (Sqm)		3,509.22
8	Component of developments		-
9	Project cost (Rs. In crores)		Rs. 2.55 Crores (for expansion)
10	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	3,509.22
	b.	Kharab Land	Nil
	c.	Internal Roads	2,351
	d.	Paved area	
	e.	Parking	
	f.	Green belt	3,500
	g.	Others Specify	1,176.78 (vacant area)
	h.	Total	10,537
11	Mode of transportation of raw material and storage facility		The raw materials are either obtained from local suppliers & transported by road or imported and transported by sea. Dedicated facility for storage.
12	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Not applicable
13	Fly ash production, storage and disposal details where coal is used as fuel		Not applicable
14	Details of Plant and Machinery with capacity/ Technology used		Equipment and machinery details as in Section 2.6.2, Chapter 2 of EIA.
15	Details of VOC emission and control measures wherever applicable		• Nitrogen blanketing system provided to solvent storage tanks • Implementation of Leak Detection and Repair system. Measures to control fugitive emissions are detailed in Section 2.8.4.3 of EIA.
16	WATER		
	I.	Construction phase	

	a.	Source of water	KIADB		
	b.	Quantity of water for Construction in KLD	Negligible as construction activity is minimal and involves foundation works for installation of equipment & machinery.		
	c.	Quantity of water for Domestic Purpose in KLD	2.5 KLD		
	d.	Wastewater generation in KLD	2 KLD		
	e.	Treatment facility proposed and scheme of disposal of treated water	Modular STP 3KLD		
	II	Operational phase			
	a.	Source of water	KIADB		
	b.	Total requirement of water in KLD	Fresh	37.5	
			Recycled	0	
			Total	37.5	
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	34.5	
			Recycled	0	
			Total	34.5	
	d.	Requirement of water for domestic purpose in KLD	Fresh	3	
			Recycled	-	
			Total	3	
	e.	Wastewater generation in KLD	Industrial effluent	12.595	
			Domestic sewage	2.5	
			Total	15.095	
	f.	ETP/ STP capacity	Modular STP capacity: 3 KLD Trade effluent sent to CETP for treatment and disposal.		
	g.	Technology employed for Treatment	Domestic sewage: modular STP Trade effluent: CETP Utilities effluent: neutralization, equalization		
	h.	Scheme of disposal of excess treated water if any	Utility wastewater and treated domestic sewage reused for greenbelt.		
17	Infrastructure for rain water harvesting		The rainwater from roof-tops will be diverted to existing raw water collection tank of 200 KL capacity.		
18	Storm water management plan		Storm water from greenbelt & paved area will be collected in a tank of 65 KL capacity.		
19	Air pollution				
	a.	Sources of air pollution			

Stack attached to	Capacities and numbers	Stack height	Air pollution control measures
EXISTING			
DG sets	1x200 kVA	18 m AGL common stack	In-built acoustics
	1x10 kVA		
Thermic fluid heater	1x4 Lakh K cal/h		-

			Boiler*	1x5 TPH	30 m AGL	Multi-cyclone dust collector	
			PROPOSED				
			DG set	1x160 kVA	18 m AGL common stack along with existing DG sets	In-built acoustics	
			*It is proposed to replace the existing solid fuel fired 5 TPH boiler with 8 TPH dual fuel fired [liquid – HSD / gas – propane / Compressed Natural Gas (CNG) / Piped Natural Gas (PNG)].				
	b.	Composition of emissions	SPM, SO_2, NOx				
	c.	Air pollution control measures proposed and technology employed	Control measures as given in Section 19.a above				
20	Noise pollution						
	a.	Sources of noise pollution	The major sources of noise pollution in the industry are DG sets, boiler, pumps, compressors, reactors during the manufacturing process etc.				
	b.	Expected levels of noise pollution in dB	Within limits prescribed by CPCB for industrial area.				
	c.	Noise pollution control measures proposed	• In-built acoustics for DG. • In-built design of mechanical equipment viz., silencers, dampers, suitable foundation for the equipment. • The workers engaged in high noise zone are provided with earmuffs. • Equipment will be kept in good condition to control the noise. • Vegetation (tree plantation) along the periphery and at various vacant locations within the industry premises.				
21	WASTE MANAGEMENT						
	I.	Operational Phase					
	a.	Quantity of Solid waste generated per day and their disposal	Sl. No.	Solid waste	Quantity, kg/day	Disposal	
			1	Domestic garbage	13	Segregated at source, collected in bins and handed over to local authorities.	
			2	Boiler ash*	820	Given to nearby farmers for use as soil conditioner and for brick manufacturing.	
	b.	Quantity of Hazardous Waste	Detailed in summary				

		generation with source and mode of Disposal as per norms	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	-
22	POWER		
	a.	Total Power Requirement in the Operational Phase with source	Power requirement after expansion will be 190 kVA sourced from Bangalore Electricity Supply Company Ltd. - BESCOM.
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	At present, there are 1x200 kVA & 1x10 kVA DG sets and it is proposed to install new 1x160 kVA DG set as standby during power failure.
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	• Fuel for boiler: Briquettes • Fuel for DG sets & thermic fluid heater: HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007.	100 kVA solar power generation unit with 322 panels will be installed within the factory premises to be used for production, street lighting etc. The total investment proposed is Rs. 65 Lakhs.

The proposal was considered in 279th SEAC meeting and the committee had deferred the project to have site visit.

The sub-committee on 04.07.2022 had inspected the site under the chairmanship of Dr. Shekar H.S, Member SEAC and had sought clarifications/details from the proponent for the observations for which the proponent had submitted compliance as below,

1. *Since it is existing project there is no green belt developed around the boundary of the project, and two sides of the project fire hydrant pipe is running along the boundary only few plants and trees were present. In Solvent industries to mitigate fugitive emissions and air pollution green belt is very critical, Committee instruct proponent to submit revised Land-use map as proposed 33% greenbelt in Layout plan and submit proposed species.*

   Proponent submitted clarification and informed that an area of 3,500 SQM i.e. 33.2% of total area of 10,537 SQM is proposed for green-belt development during expansion and the total number of trees required to be planted is 389 (at the rate of 1111 trees per hectare). The balance 353 trees of different species like neem, honge, mango, gulmohar, cassia etc. will be planted during expansion.

2. *Submit the proposed STP foot print location in Layout and Design details of Modular STP proposed*

   Proponent submitted layout plan indicating the location of STP and informed that about 10Sqm of area is earmarked for proposed STP.

3. *Submit the Pre-treatment facility for existing and proposed effluent with design details before sending to CETP.*

The proponent submitted clarification and informed that Maximum quantity of trade effluent proposed to be sent to CETP after expansion will be 8.75 KLD. The trade effluent is sent to CET Plant Malur Pvt. Ltd. Utilities Effluent will be equalized and neutralized prior to utilization for greenbelt.Chemical used for neutralization is caustic soda and Effluent collection, equalization and neutralization tanks are provided within the industry premises and the storage capacity will be adequate even after expansion.

4. *No proper labelling of raw materials and Workstation, Committee suggested to proper labelling to avoid Fire Accidents.*
   Proponent submitted recent photographs of labelled raw materials and assured to maintain the same in future.

5. *Hazardous waste is not being collected every day properly, Committee suggested Provide Hazardous waste containers as per Authorisation category and size required with Labelling.*
   Proponent informed that, Designated, secured area is provided for storage of hazardous materials. Hazardous waste of different categories generated is accounted for and returns submitted to KSPCB in form 4 and submitted the copies along with latest manifest copies for disposal of hazardous waste.

6. *Advised to go for CNG based boiler for proposed 8 TPH and DG sets as Gail connectivity is available in the industrial area.*
   Proponent informed that, it is proposed to replace the existing solid fuel fired 5 TPH boiler with 8 TPH dual fuel fired [liquid – HSD / gas – propane / Compressed Natural Gas (CNG) / Piped Natural Gas (PNG)] boiler during expansion.

7. *Submit the details of Hazardous waste sent to MALUR CETP and payment made*
   Proponent submitted Manifest copies for disposal of industrial effluent to CETP, Malur and payment made.

8. *Submit the Third Party VOC monitoring and MOU details*
   Proponent informed that, Routine monitoring of ambient air quality is carried out within the industry premises by NABL / MoEFCC approved laboratory with MoU and submitted latest copy, payment made and MoU and informed that VOC shall be monitored henceforth.

9. *Submit Solar Energy generation and consumption details with supporting information*
   Proponent submitted details of solar energy generation in the months of March, April & May 2022 and supporting BESCOM bill for the last three months.

10. *Pulmonary function test by pulmonologist has not been done to find out damage may cause on lungs by VOC. Committee suggested to Carry out the same*
    Proponent submitted details of Pulmonary function test conducted and sample reports

11. *Details of gas leak detection system and how it is looped to process.*
    Proponent informed that it is not applicable as no gas is generated and the entire process is in closed loop.

12. *Detailed calculation of cooling tower losses and makeup (bleed off and blow down).*

Proponent submitted the following details,

Cooling tower makeup:

Existing: 15 KLD

Proposed: 5.5 KLD

Total after expansion: 20.5 KLD

Cooling tower bleed off:

Existing: 0.6 KLD

Proposed: 0.12 KLD

Total after expansion: 0.72 KLD

13. *Suggested to replace Second and Third floor Reactor Shop floor MS Checker Sheet may reacted with Chemicals, for the safety of Employees.*

Proponent informed thatMS checker plate on second and third floor will be replaced during expansion.

14. *Roof Rain water harvesting is done by tank on the ground level but unfortunately used for landscape, which is not correct. It shall be used for flushing/ domestic purpose after pretreatment, it will reduce fresh water demand*

Proponent informed that The rainwater from roof-tops will be filtered and diverted to existing closed raw water collection sump of 200 KL capacity. This water is further treated using DM plant and softener which will be used for industrial and domestic purposes.

15. *Submit Emergency preparedness plan and DMP, earmarkedin Layout plan*

Proponent submitted Emergency assembly location marked on layout plan and Approved onsite emergency plan and emergency preparedness plan.

The committee accepted the compliance given by proponent and appraised the project.

The proposal is for manufacturing Industrial and specialty solvents with R&D facility. SEIAA had issued ToR on 27/08/2021. The proponent had claimed exemption from public hearing by informing that the proposed unit is in existing KIADB Industrial Area which was notified prior to EIA Notification 2006.

The proponent informed the committee that presently in only blending, packing and repacking of industrial solvents for which they are having valid CFO from KSPCB and all other statutory clearances is being done in the existing facility and the proposal is for manufacturing Industrial and specialty solvents with R&D facility in the existing area. Further the proponent informed the committee about the product and by-products details of existing and proposed as per below,

Products and by- Products with quantity:

Existing :

Sl. No.	Product	Brand name	Capacity
BLENDING			168.0 MT /month
1	Mineral turpentine oil	SOMSOL SSPTO 145	
2	Remax	SOMSOL SOLMAX 159, SOMSOL SOLMAX 159M	
3	Mixed xylene	SOMSOL SSPMX 135	
4	Solvent C-9	HISOLS 100, HISOLS D80	
5	Ortho xylene	SOMSOL SSOX	
6	Hexane	SOMSOL SOLEX 60	
7	Solvent Naptha m	HISOLS 150	
PACKING AND REPACKING			
8	ACETONE	ACETONE	
9	N BUTANOL	SOMSOL NBA	
10	CYCLOHEXANONE	CYCLOHEXANONE	
PACKING, REPACKING, BLENDING AND DISTILLATION OF FRESH SOLVENTS, GLYCOL ETHER ACETATES			350.0 MT/ month
11	ETHYL ACETATE	SOMSOL EA	
12	BUTYL ACETATE	SOMSOL BA	
13	DIACETONE ALCOHOL	DI ACETONE ALCOHOL	
14	METHYL ISO BUTYL KETONE	SOMSOL MIBK	
15	METHYL ETHYL KETONE	SOMSOL SSPRMK	
16	ISO PROPYL ALCOHOL	SOMSOL IPALC, SOMSOL IPACT,	
17	ISO BUTYL ALCOHOL	SOMSOL IBA , SOMSOL IBACT	
18	2 ETHYL HEXANOL	SOMSOL 2EH	
19	TOLUENE	TOLUENE	
20	ETHYLENE DICHLORIDE	SOMSOL SSEXS, DICHLOROMETHANE	
21	2ETHYL HEXYL ACETATE	SOMSOL 2EHA	
22	SECONDARY BUTYL ALCOHOL	SECONDARY BUTYL ALCOHOL	
23	THINNER	FNFR THINNER, FN FRTHINNER 150, XET THINNER	
24	REDUCERS	REDUCER AN 205, REDUCER AN 603, REDUCER AN 601, REDUCER PU, REDUCER AN 304,	
25	DILUENTS	SOMSOL PAT, SOMSOL SIC 303 BC	
26	HISOLS 200	HISOLS 200	
27	ETHYL CELLOSOLVE	SOMSOL EG	
28	BUTYL CELLOSOLVE	SOMSOL BG	
29	ETHYL CARBITOL	SOMSOL EDG	
30	BUTYL CARBITOL	SOMSOL BDG	

31	ETHYL CELLOSOLVE ACETATE	SOMSOL ECA	
32	BUTYL CELLOSOLVE ACETATE	SOMSOL BGA	
33	ETHYL CARBITOL ACETATE	SOMSOL EDGA	
34	BUTYL CARBITOL ACETATE	SOMSOL BDGA	
35	PROPYLENE GLYCOL MONO METHYL ETHER	SOMSOL PM, DPGMME, TPGMME, PROPYLENE GLYCOL TG, DPG, PGDO, SOMSOL PGDA, SOMSOL PGEA, SOMSOL PMISO.	
36	PROPYLENE GLYCOL MONO METHER ETHER ACETATE	SOMSOL PMA, SOMSOL DPMA	
37	ETHYL 3 ETHOXY PROPIONATE	SOMSOL EEP	
38	PROPYLENE GLYCOL MONO METHYL ETHER PROPIONATE	SOMSOL PMP	

Proposed:

Sl. No.	Product	Production, MT/month	Application/Use
1	2-Ethylhexyl Acetate (2-EHA)	60.928	Used in paints & coatings, graphic arts, auto OEM (Original Equipment Manufacturing)
2	Butyl Cellosolve Acetate (BCA)	65.848	Used in many coatings applications. It provides good tolerance for aliphatic and aromatic hydrocarbons and may be used to replace these solvents to enhance application properties such as brushability or roll application in high performance coatings. The slow evaporation rate of Butyl CELLOSOLVE Acetate Solvent also makes it ideal for use in specialty printing inks.
3	Butyl Carbitol Acetate (BCaA)	2.708	Used as a coalescing solvent in waterborne coatings. It promotes color development and touch-up properties to architectural coatings, particularly in conditions of low temperature and high humidity. Its

			mild, non-residual odour makes it ideal for use in interior latex coatings.
4	Dipropylene Glycol Methyl Ether Acetate (DPMA)	2.888	Used as active solvent for solvent-based coatings, active solvent for solvent-based silk screen printing inks, tailing solvent for solvent-based coatings.
5	Ethyl Cellosolve Acetate (ECA)	5.496	Used as solvent for nitrocellulose oils and resins, retards, blushing, lacquers, solvent for varnish removers, wood stains, textiles and leathers, coatings, dyes, insecticides, soaps and cosmetics.
6	Ethyl Carbitol Acetate (ECaA)	5.442	Used as a solvent for cellulose esters, gums, resins · As a solvent for coatings, lacquers and printing inks.
7	Ethyl Ethoxy Propionate (EEP)	62.286	High solids coatings, electro statically sprayed coatings, conventional enamels and lacquers, acrylic polymerization
8	Ethylene Glycol Diacetate (EGDA)	57.736	Used in auto OEM (original equipment manufacturer), auto refinishes, graphic arts, paints & coatings
9	Glycerol Triacetate (GTA)	1.943	Used in adhesives/sealants-B & C, Ag chem solvents, general industrial coatings, graphic arts, paints & coatings
10	Iso Butyl Acetate (IBACT)	60.389	Used in aerosol coatings, architectural coatings, auto OEM (Original Equipment Manufacturer), auto plastics, auto refinish, coil coatings, electronic coatings, furniture, general industrial coatings, graphic arts, industrial maintenance, inks, marine, metal coatings,

			pharmaceutical chemicals, process solvents, protective coatings.
11	Methoxy Propyl Acetate (PMA)	5.228	Used as active solvent for solvent-based coatings, active solvent for solvent-based silk screen printing inks, aprotic solvent in coating systems where OH reactivity is unwanted (e.g. PU/isocyanate and epoxy)
12	n Butyl Acetate (NBA)	77.670	Used in fragrance ingredients, process solvents, LCD displays
13	N Butyl Propionate (NBP)	3.031	Used in architectural coatings, Auto OEM (original equipment Manufacturer), auto plastics, automotive, commercial printing inks. General industrial coatings, marine, paints & coatings, polymer modification, wood coating.
14	Propylene Glycol Diacetate (PGDA)	5.102	Auto OEM (Original Equipment Manufacturer), auto refinish, graphic arts, paints & coatings.
15	Iso Propyl Acetate (IPACT)	128.948	It is used as a solvent in the production of cellulose, plastics, oils and fats. It is also used in the fragrance, cosmetic and personal care industry as a solvent.
16	N Pentyl Propionate (NPEP)	18.086	Used in automotive refinish, OEM coatings, appliance coatings, cleaning fluids, cosmetic/personal care solvent, fragrance solvent, printing inks, polymerization solvent for high solids acrylics.
17	Ethoxy Propyl Acetate (EPA)	8.850	Used in dyes, fuels, food additives, ink, toner & colorants, food packing, solvents, coatings, inks & graphic arts
18	Ethylene Glycol Dipropionate (EGDP)	8.203	Used in auto OEM (original equipment manufacturer), auto refinishes, graphic arts, paints & coatings, plasticizer
19	Iso Butyl Propionate (IBP)	3.031	Used in food additives, flavouring agents, paper plates, condiments, nut flavours, caramel, cherry, pine apple and pear, cinnamon nuances, various fruit blends, brandy
20	Propylene Glycol Mono Methyl Ether Propionate (PMP)	8.898	Used in paints, printing ink, polymers, unsaturated polyester, polyurethane, acrylic acid resin, epoxy resins, detergent, leather dye, pesticide.
21	Isoamyl Acetate (IAACT)	8.710	Used as artificial flavour, solvent, varnishes, aircraft drops
	TOTAL	**601.421**	

The proponent informed the committee that at any given point of time Maximum Four products to be manufactured on a campaign basis and informed about pollution load of various substances,

Liquid:

Industrial / trade effluent :

Sl. No.	Parameter	Pollution load, kg/day	
		Min	Max
1	Total Dissolved Solids	61.3	65.6
2	Total Suspended Solids	0.4	0.4
3	Total Chlorides	11.4	12.3
4	Total Sulphates, as SO_4	8.8	15.3
5	Residual Sodium Carbonate	0.001	0.002
6	Oil & Grease	0.035	0.035

Utility wastewater:

Sl. No.	Parameter	Pollution load, kg/day
1	Total Dissolved Solids	<8074.5
2	Total Suspended Solids	<384.5
3	Total Chlorides, as Cl	<2307
4	Total Sulphates, as SO_4	<3845
5	Sodium Carbonate	<19.2
6	Oil & Grease	<38.5

Gaseous:

Pollution load - utilities

Particulars	Details									
	Boiler - 5 TPH – 1 no.		Thermic fluid heater – 4 Lakh K cal/h – 1 no.		D.G. sets – 200 kVA – 1 no.		D.G. set - 10 kVA – 1 no.		DG set - 160 kVA - 1 no.	
	Existing								Proposed	
	Emission rate									
	g/s	kg/day	g/s	kg/day	g/s	kg/day	g/s	kg/day	g/s	kg/day
PM_{10}	0.029	2.506	0.001	0.004	0.009	0.032	0.001	0.002	0.007	0.026
SO_2	Negligible	Negligible	0.001	0.004	0.001	0.004	0.000	0.0003	0.001	0.003
NO_x	0.39	33.696	-	-	0.178	0.640	0.017	0.060	0.142	0.512

Soild:

DOMESTIC SOLID WASTE			
Assuming per capita solid waste generation rate as 0.25 kg/capita/day			
	EXISTING	PROPOSED	TOTAL
Total no. of employees	39	13	52
Quantity of solid waste generated, kg/day	9.75	3.25	13.0
Organic solid waste: 60% of the total waste, kg/day	7.8		
Inorganic solid waste: 40% of the total waste, kg/day	5.2		
Disposal of domestic solid waste	Segregated at source, collected in bins and handed over to local authorities.		
BOILER ASH			
Assuming ash generation rate as 82 kg per ton of fuel burnt			
Existing			
Quantity of ash generated	820 kg/d		
Proposed - no addition			
Disposal of boiler ash	Given to nearby farmers for use as soil conditioner and for brick manufacturing.		

Hazardous:

Summary of the total quantity of hazardous wastes

Sl. No.	Hazardous waste	Category	Quantity				Mode of disposal or recycling or utilization in co-processing
			Unit	Existing	Proposed	Total	
1	Used / spent oil	5.1	KL/annum	0.2	0.1	0.3	Shall be collected in leak proof containers & disposed to KSPCB registered authorized re-processor.
2	Empty barrels/containers contaminated with hazardous chemical	33.1	No.s/ annum	2,500 (55 MT)	No addition	2,500 (55 TPA)	Shall be stored in a secured manner and handed over to KSPCB authorized recycler after wash only.
3	Distillation residues (reactor bottom)	20.3	MT/Annum	0	21	21	Will be sent to cement factory for co-incineration.
4	Contaminated cotton rags or other cleaning materials	33.2	MT/annum	0.01	No addition	0.01	Shall be stored in a secured manner and handed over to authorized incinerator
5	Waste residues containing oil	5.2	MT/annum	0.028	No addition	0.028	Shall be stored in a secured manner and handed over to authorized incinerator
OTHER WASES							
6	Glass wastes	B2020	MT/annum	0.020	No addition	0.020	Shall be stored in a secured manner and handed over to KSPCB authorized actual user
7	Self-adhesive label laminate waste containing raw materials	B3027	MT/annum	0.021	No addition	0.021	Shall be stored in a secured manner and handed over to authorized incinerator

The proponent has informed about pollution load and details for management of Hazardous Waste and also informed that the solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding.

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

The committee after detailed review of the project proposal decided to recommend the project proposal to SEIAA for issue of EC with condition to adhere by the compliances given for observations made during site visit.

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

281.58 Establishment of Sugarcane crushing plant with installed capacity of 1500 TCD (Operating Capacity 1290 TCD) To Produce 55 KLPD Capacity Ethanol/ Rectified Spirit/ Extra Neutral Alcohol Based on "C"/"B" Heavy Molasses/ Sugarcane Juice/ Syrup at Holkunda, Kamalapur Taluk and Kalaburagi District by M/s. King Rudra Sugars Limited - Online Proposal No.SIA/KA/IND2/47993/2019 (SEIAA 01 IND 2020)

The committee in 280th SEAC Meeting had decided to have site visit of the project. The committee in the present meeting decided to visit the project site on 11.07.2022, by forming a sub-committee under the chairmanship of Shri. Nanada Kishore, Member SEAC.

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

281.59 Building Stone Quarry Project at Sy. Nos. 85 & 86 of Yelachagere Village, Nanjanagud Taluk, Mysore District (6-16 Acres) by Sri Manukonda Srinivasulu - Online Proposal No.SIA/KA/MIN/265119/2022 (SEIAA 166 MIN 2022)

The committee in 280th SEAC Meeting had decided to have site visit of the project. The committee in the present meeting decided to visit the project siteon 12.07.2022, by forming a sub-committee under the chairmanship of Shri. B V ByraReddy, Member SEAC.

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

281.60 Building Stone Quarry Project at Sy. No. 98 of Devigadde Village, Balale Hobli, Ankola Taluk, Uttara Kannada District (5-22 Acres) by M/s. Shree Aryadurga Enterprises - Online Proposal No.SIA/KA/MIN/271211/2022 (SEIAA 224 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Addressof the Projects Proponent	M/s. Shree Aryadurga Enterprises
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.98 of Devigadde Village, Balale Hobli, Ankola Taluk, Uttara Kannada District (5-22 Acres)

Boundary Pillar	Latitude	Longitude
A	14° 35' 11.38" N	74° 21' 40.50"E
B	14° 35' 14.49" N	74° 21' 42.26" E
C	14° 35' 15.08" N	74° 21' 43.63" E
D	14° 35' 16.69" N	74° 21' 44.92" E
E	14° 35' 15.37" N	74° 21' 47.17" E
F	14° 35' 14.46" N	74° 21' 47.14" E
G	14° 35' 10.91" N	74° 21' 44.61" E
H	14° 35' 09.57" N	74° 21' 43.27" E

3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Ha	5-22 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,50,398Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.39 Crores (Rs. 139 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	21,87,609Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,398Tons/ Annum (including waste)
11	**CER Activities:** • Proposed to grow250 No. of additional plantation on either side of the approach road from quarry location	
12	EMP Budget	Rs. 8.10L (Capital Cost) &9.84Lakhs (Recurring cost)
13	Forest NOC	30.12.2021

14	Quarry plan	13.04.2022
15	Revenue NoC	27.12.2021
16	Cluster certificate	13.04.2022
17	Notification	04.02.2022
18	District Task Force	06.01.2022

The proposal was considered in 280th SEAC meeting and the committee had deferred the project to have site visit.

The sub committee on 15.06.2022 had inspected the site and had sought clarifications/details from the proponent for the observations made and the proponent had submitted compliance as per below,

1. *Detailed Surface Plan with GPS Coordinates depicting the distances between railway line and the residences to the proposed project area*
   The proponent submitted the Detailed Surface Plan with GPS Coordinates depicting the distances between railway line and the residences to the proposed project area

2. *As observed there was no boundary pillars constructed. It was instructed to construct the boundary pillars indicating the descriptions of the pillar with coordinates. Hence to submit the photos of the same.*
   Proponent informed that they had constructed the Boundary pillars indicating the descriptions of the pillar with coordinates and submitted the photos of the same.

3. *Survey number wise details of approach road from the nearest motorable road and markings of the approach road on village map and consent from the respective land owners (in case of land owned by others) for proposed approach road.*
   Proponent submitted Survey number wise details of approach road from the nearest motorable road and markings of the approach road on village map is made and consent from the respective land owners for proposed approach road is not applicable since the land of approach road from the nearest motorable road is owned by the proponent.

4. *It is observed that there are natural water courses crossing the approach road at different locations, for which it was instructed to propose culverts to safeguard the natural water courses during formation of road.*
   Proponent submitted proposal for construction of culverts & 1 Check Dam to safeguard the natural water courses during formation of road.

5. *Details of safety precautions/measures (Controlled blasting) to be taken during operation with reference to adjacent forest area and railway line. Mainly to prevent damages from noise, vibrations and flying rocks while blasting.*
   Proponent submitted Safety precautions /measures like Controlled blasting will be adopted during operation with reference to adjacent forest area and railway line, to prevent damages from noise, vibrations and flying rocks while blasting. Blasting will be carried in such a way that flying rocks will blow away from the concerned objectives.

6. *Undertaking to abide by the conditions in Forest NOC.*
   Proponent submitted the under taking to abide by the condition mentioned in Forest NOC in case the forest road will be utilized; permission will be taken as per Forest Conservation Rule

1980. As of now, there is proposal to utilize the road passing through Private land and same will be utilized.

The committee accepted the compliance given by proponent and appraised the project.

As per the cluster sketch there is no other lease within 500 meters radius from this lease and the area of the subject lease is 5-22 Acre and hence the project is categorized as B2.

There is an existing cart track road to a length of 1500 meters connecting lease area to the all-weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as 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.

Considering the proved mineable reserve of 21,87,609 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 15 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,50,398 Tonnes / Annum (including waste).

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

With the permission of Chair

281.61 Building Stone Quarry Project at Sy. No. 57 of Bandahalli Village, Mulabagilu Taluk, Kolar District (11-20 Acres) by M/s. K. C. C. Buildcon Pvt. Ltd. – Online Proposal No.SIA/KA/MIN/281814/2022 (SEIAA 308 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. K. C. C. Buildcon Pvt. Ltd
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 57 of Bandahalli Village, Mulabagilu Taluk, Kolar District (11-20 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification /	New

Corner Pillar	Latitude	Longitude
A	N 13° 4' 41.2631"	E 78° 20' 47.5351"
B	N 13° 4' 41.8289"	E 78° 20' 50.0506"
C	N 13° 4' 44.6108"	E 78° 20' 56.4301"
D	N 13° 4' 44.0846"	E 78° 20' 56.5427"
E	N 13° 4' 35.9801"	E 78° 20' 54.3847"
F	N 13° 4' 39.5902"	E 78° 20' 46.9672"

	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt.
6	Area in Acres	11-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	7,89,474 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.60 Crores (Rs. 160 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	52,30,046 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	7,89,474 Tons/ Annum (including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing Solar Power Panels is GHPS school at Bandahalli Village
2nd	Rain Water harvesting of GHPS school at Bandahalli Village

12	EMP Budget	Rs. 57.24 Lakhs (Capital Cost) & 18.32 Lakhs (Recurring cost)
13	Forest NOC	25.01.2022
14	Quarry plan	04.07.2022
15	Cluster certificate	04.07.2022
16	Revenue NOC	17.01.2022
17	DTF	18.03.2022
18	C & I Notification	31.05.2022

As per the cluster sketch there is no other lease and the area of the proposed lease is 11-20Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 700 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) 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.

Considering the proved mineable reserve of 52,30,046 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 7,89,474 Tonnes / Annum (including waste).

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

281.62 Balthila Sand Block of Nethravathi River Sand Quarry Project at Sy. No.94/1 of Balthla Village, Bantwal Taluk, Dakshina Kannada District (8-12 Acres) by Sri Ravishankar -Online Proposal No.SIA/KA/MIN/280349/2022 (SEIAA 301 MIN 2022)

About the project:

<table>
<tr><th>Sl.No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Ravishankar</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Balthila Sand Block of Nethravathi River Sand Quarry Project at Sy. No.94/1 of Balthla Village, Bantwal Taluk, Dakshina Kannada District (8-12 Acres)
<table>
<tr><th colspan="3">GPS READING OF CORNER PILLARS</th></tr>
<tr><th>CORNER PILLAR</th><th>LATITUDE</th><th>LONGITUDE</th></tr>
<tr><td>BP-A</td><td>N12°52'30.47"</td><td>E75°06'16.12"</td></tr>
<tr><td>BP-B</td><td>N12°52'31.69"</td><td>E75°06'21.85"</td></tr>
<tr><td>BP-C</td><td>N12°52'32.52"</td><td>E75°06'12.39"</td></tr>
<tr><td>BP-D</td><td>N12°52'35.18"</td><td>E75°06'12.99"</td></tr>
<tr><td>BP-E</td><td>N12°52'34.69"</td><td>E75°06'10.32"</td></tr>
<tr><td>BP-F</td><td>N12°52'31.12"</td><td>E75°06'11.11"</td></tr>
<tr><td colspan="3">MAP DATUM - WGS 84</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Sand Block</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Govt. (River Bed)</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>8-12 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>18,604.65 Cum/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.27 Crores (Rs. 127 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>98,584.92 Cum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>18,604.65 Cum/Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing Solar Power Panels is GHPS school at Balthila Village</td></tr>
<tr><td>2nd</td><td>Scientific Support and awareness to local farmers to increase yield of crop and fodder</td></tr>
<tr><td>3rd</td><td>Conducting E-waste drive campaigns at GHPS school at Balthila Village</td></tr>
<tr><td>4th</td><td>Rain Water harvesting of GHPS school at Balthila Village</td></tr>
<tr><td>5th</td><td>Health camps in GHPS school at Balthila Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 33.35 Lakhs (Capital Cost) &6.30 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>24.03.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>17.06.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>02.06.2022</td></tr>
</table>

16	Notification	19.12.2019
17	District Sand Monitor Proceedings	11.08.2021
18	LOI	24.05.2022
19	Depth as per form JIR	3mtr
20	Gazette Notification for auction	19.12.2019

As per the cluster sketch there is no other lease and the area of the proposed lease is 8-12Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 970 meters connecting the lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard norms &should grow trees all along the approach road and informed the proponent not to use any machinery for sand mining and not to carry out instream mining, for which the proponent agreed. Proponent informed that there are no canals in the vicinity of the proposed project area and no bridges in a radius of 500mtr from the proposed project site. Further the proponent informed that, the proposed site is at a distance of 1.03kms from the dam in downstream side at an elevation of 19AMSL and maximum water storage elevation in dam is 18.90AMSL and minimum water storage level of dam is 11.90AMSL and assured the committee that mining activities to be carried out during minimum water storage level in dam.

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 proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

Considering the proved mineable reserve of 98,584.92 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 18,604.65 Cum/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