Proceedings of the 282nd SEAC Meeting held on 28th & 29th July- 2022

Members present in the meeting held on 28th July - 2022

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Dr. J.B Raj	Member
4.	Shri. Nanda Kishore	Member
5.	Dr. S.K. Gali	Member
6.	Shri. Dinesh MC	Member
7.	Shri. Devegowda Raju	Member
8.	Shri.Sharanabasava Chandrashekhar Pilli	Member
9.	Shri. J G Kaveriappa	Member
10.	Shri. Mahendra Kumar M C	Member
11.	Shri. B V ByraReddy	Member
12.	Dr.SarvamangalaR. Patil	Member
13.	Shri. B. Ramasubba Reddy	Member
14.	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 281stSEAC meeting held on 7th&8thJuly 2022was read and confirmed the proceedings.

Fresh Projects

EIA Projects

282.1 Lift Irrigation Scheme Project at Korthi-Kolhar Village, Basavana Bagewadi Taluk, Vijayapura District by Krishna Bhagya Jala Nigama Ltd.- Online Proposal No.SIA/KA/RIV/ 37175/2019(SEIAA 24 IND 2019)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Chief Engineer Krishna Bhagya Jala Nigam Ltd, Dam Zone. Almatti-586201
2	Name & Location of the Project	'HortiRevanasiddeshwara Lift Irrigation Scheme' Near Korthi-Kolhar Village, Basavana Bagewadi Taluk, Vijayapura District Karnataka
3	Type of Project	The proposed scheme envisages lifting of 5.763 TMC of water from Krishna River near Korthi-Kolhar Village, Basavana Bagewadi Taluk of Vijayapura District and providing irrigation facility to 49,730 Ha of land belonging to 56 villages by providing gravity flow irrigation

Sl. No		PARTICULARS	INFORMATION
			facility. Category - B of Schedule 1(c) of EIA Notification, 2006), Culturable command area is having 49,730 Ha. The project falls under category B1 as per the amendment to EIA Notification dt: 20th April 2022.
	a.	Quantity of water proposed to be lifted	5.763 TMC
	b.	Source of water	Krishna River
4		New/ Expansion/ Modification/ Renewal	New
5		Command area	49,730 Ha
6		Benefitted villages	56 Villages
7		Irrigation Type	Piped Irrigation
8		Land requirement	140 Ha
9		Project Cost (Rs. In Crores)	Rs. 2639.60 Crores
10		WATER	
	I.	Construction Phase	
	a.	Source of water	Private water tankers
	b.	Quantity of water for Construction in KLD	-
	c.	Quantity of water for Domestic Purpose in KLD	7.5
	d.	Waste water generation in KLD	7.5
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	5.763 TMC
	b.	Source of water	Krishna River
11		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	45 Kg/day of solid waste will be generated from labour camps during construction phase
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	-
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	-
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	-
	d.	Quantity of E waste generation and mode of Disposal as per norms	-
12		POWER	

Sl. No	PARTICULARS	INFORMATION
a.	Total Power Requirement - Operational Phase	72 MW, Source: Existing Basavana Bagewadi 220 KV KPTCL substation
13	Forest land requirement	Nil
14	Reserve Forest within the study area (10 Km radius)	Reserve Forest near Rolli-6.61 Km Towards SE
15	Details of Protected area within 10 km radius from the project site	Nil
16	Protected areas outside 10 km Radius	• Yedahalli Chinkara Wildlife Sanctuary ESZ Boundary-11.64 Km • Yedahalli Chinkara Wildlife Sanctuary Boundary - 11.73 Km Towards South Direction
17	CER Activities Proposed	-
18	Date and venue of Environmental Public Consultation	Environmental Public Hearing conducted at Korthi Village, Indi Taluk and Vijayapura District, Karnataka on 19.04.2022
19	EMP • Construction phase • Operation Phase	The total amount estimated for the implementation of Environmental Management Plan (EMP) for construction phase is 14.86 Crores (Capital Cost) and operation phase is 1.27 Crores (Capital Cost) along with a recurring cost of 18.00 Crores during Operation Phase.

The proposal is for Lift Irrigation Scheme by Irrigation Department GoK. SEIAA 25.07.2019 had issued ToR and Public Hearing was conducted on 27.04.2022.

The proponent informed the committee that the proposal is a piped method of lift irrigation for lifting 5.763TMC of water from Krishna river and irrigating a command area of 49,730Ha, covering 53 villages, within the state of Karnataka, with no interstate issues. The proposal involves a land area of 140Ha for construction of intake canal, jack well cum pump house, raising main, delivery chamber and distribution network. The proposed lift irrigation involves for lifting water in Reach 1 for a length of 44,850mtrs and Reach 2 for a length of 6100mtrs in 3080mm dia pipe and 2690mm dia pipes respectively.

The committee during appraisal sought clarification on forest land involved for the proposed project, details of R&R plan and details of excavated earth management. The proponent informed the committee that there is no forest, area protected areas or ecologically sensitive areas involved and hence no clearance is required from forest department and for R&R, the proponent informed that the proposed project does not involve R&R activities, as there is no diversion/submergence of land. For excavated soil management, the proponent informed that out of the total 22,76,074cum of excavated earth, 6,82.822cum would be used for service road/inspection path formation, 4,55,214cum would be used for formation of embankment, 4,55,214 cum for filling trenches, 4,55,214 cum would be used in land levelling and 2,27,610cum would be used in construction of cross drain works. Further the committee informed the proponent to asphalt the service roads as per standards and to increase plantation along the same, for which the proponent agreed.

The proponent also submitted a list of Agro forestry species by involving local farmers, horticulture and Forest Dept. Officials and informed about the measures that would be taken to prevent salinity/alkalinity of soil in the regions proposed to be irrigated.

The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition that land to be acquired for the proposed project should be as per the provisions of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.

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

282.2 Sand Mining Block Project in Block No.Bly-Osb-13 at Karichedu Village, Bellary Taluk & District (25-00 Acres) by M/s. Maruthi Infrastructure & Developers- Online Proposal No.SIA/KA/MIN/269174/2022(SEIAA 798 MIN 2019)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Maruthi Infrastructure & Developers
2	Name & Location of the Project	Sand Mining Block Project in Block No.Bly-Osb-13 at Sy.No.191 of Karichedu Village, Bellary Taluk & District (25-00 Acres)
3	Type Of Mineral	Sand Mining Block
4	New / Expansion / Modification /	New

GPS READING OF CORNER PILLARS

CORNER PILLAR	LATITUDE	LONGITUDE
1	N15°19'33.9"	E77°03'39.2"
2	N15°19'32.7"	E77°03'42.6"
3	N15°19'27.6"	E77°03'41.7"
4	N15°19'27.5"	E77°03'43.2"
5	N15°19'24.8"	E77°03'42.1"
6	N15°19'23.2"	E77°03'45.0"
7	N15°19'25.3"	E77°03'45.9"
8	N15°19'27.3"	E77°03'45.9"
9	N15°19'32.6"	E77°03'42.9"
10	N15°19'30.5"	E77°03'48.6"
11	N15°19'20.8"	E77°03'47.2"
12	N15°19'21.2"	E77°03'46.3"
13	N15°19'17.7"	E77°03'45.6"
14	N15°19'20.7"	E77°03'42.9"
15	N15°19'20.9"	E77°03'38.2"
16	N15°19'17.3"	E77°03'37.4"
17	N15°19'17.8"	E77°03'35.4"

MAP DATUM – WGS 84

	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	25-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	99,000 Tons/ Annum
8	Project Cost (Rs. In Crores)	Rs. 1.61 Crores (Rs. 161 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,01,020.4 Tons(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	99,000 Tons/ Annum
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GLPS school at Karichedu Village
2nd	Conducting E-waste drive campaigns in GLPS school at Karichedu Village
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GLPS school at Karichedu Village

12	EMP Budget	Rs. 11.28Lakhs (Capital Cost) &2.90 Lakhs (Recurring cost).
13	Quarry plan	11.11.2019
14	Cluster certificate	16.11.2019
15	DTF	23.08.2019
16	LOI	16.11.2019

The proposal is for River Bed Sand Mining as per D.C auction on 22.12.2016. SEIAA on 14.05.2020 had issued ToR and Public hearing was conducted on 10.01.2022.

The committee during appraisal sought clarification for the following, (1). As perJIR submitted, the depth of sand recommended for mineral concession is 2.5mtrs but as per Endorsement given by Senior Geologist is 3mtrs, (2). Replenishment studies was not approved by DMG (3). Details of reserve calculations by leaving suitable buffers and (4). Details of rare birds (schedule 4) to be affected by the proposed activity as mentioned by public during Public Hearing and mitigative measures for the same. The proponent requested the committee, that he would come back after obtaining proper clarification for the details sought by the committee.

The committee after discussion decided to defer the appraisal to obtain clarification for the details sought.

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

282.3 Pink Granite Quarry Project at Hanamanahal S. T. Village, Ilkal Taluk, Bagalkot District (4-00 Acres) by Sri Venkatesh Gudagunti- Online Proposal No.SIA/KA/MIN/282058/2022(SEIAA 32 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Venkatesh Gudagunti
2	Name & Location of the Project	Pink Granite Quarry Project at Sy. No. 2/4 of Hanamanahal S. T. Village, Ilkal Taluk, Bagalkot District (4-00 Acres) BP-A N15°56'14.5" E76°07'59.0" BP-B N15°56'14.7" E76°07'56.3" BP-C N15°56'17.3" E76°07'56.1" BP-D N15°56'23.1" E76°07'55.0" BP-E N15°56'22.6" E76°07'56.9"
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	15,000 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.61 Crores (Rs. 161 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,18,956 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4500 Cum/ Annum
11	**CER Activities:** Year — Corporate Environmental Responsibility (CER) 1st — Providing solar power panels to common public places 2nd — The proponent proposes to distribute nursery plants at Hanamanal Village & Strengthening of approach road 3rd — Scientific support and awareness to local farmers to increase yield of crop and fodder 4th — Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages 5th — Health camp in nearby community places 6th : To construct school room and compound wall for Govt. School for near by village.	
12	EMP Budget	Rs. 31.80 Lakhs (Capital Cost) &14.64 Lakhs (Recurring cost)
13	Forest NOC	30/09/2019
14	Quarry plan	05.05.2021
15	Cluster certificate	15.06.2021
16	Revenue NOC	11.07.2019
17	DTF	16.04.2021
18	C&I	28.03.2022

The proposal is for new Pink Granite Quarry. As per the cluster the project was categorized as B1 and ToR was issued by SEIAA on 08.04.2022. Public Hearing was conducted on 17.06.2022.

There is an existing cart track road to a length of 250 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 to increase plantation towards the sides facing Highway for dust mitigation and also informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

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

Considering the proved mineable reserve of 4,18,956 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 28 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 15,000 Cum/ Annum (including waste).

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

282.4 Hoolagere Pink Granite Quarry Project at Hoolagere Village, Kustagi Taluk, Koppal District(4-30 Acres) (1.923Ha) by Sri Venkatesh V.Saka.- Online Proposal No.SIA/KA/MIN/67799/2021(SEIAA 534 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Venkatesh V.Saka
2	Name & Location of the Project	Hoolagere Pink Granite Quarry Project at Sy. Nos.123/1/1, 123/1/10, 123/2/4, 123/2/5, 123/2/10 & 123/2/11 of Hoolagere Village, Kustagi Taluk, Koppal District (1.923Ha) A N15°57'30.8" E76°02'07.4" B N15°57'38.2" E76°02'08.4" C N15°57'38.6" E76°02'06.2" D N15°57'34.9" E76°02'05.6" E N15°57'35.1" E76°02'05.0" F N15°57'32.3" E76°02'04.5" G N15°57'30.4" E76°02'04.5"
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	4-30 Acres (1.923 Ha)
7	Annual Production (Metric Ton / Cum) Per Annum	16,667 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crores (Rs. 100 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,55,157 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	5,000cum/Annum (Pink Granite) 11,667cum/Annum (Building Stone)
11	**CER Activities:** • To grow additional500 No trees along the approach road and Improvement to neary by Govt. school approach road	
12	EMP Budget	Rs. 29.15Lakhs (Capital Cost) & 9.23 Lakhs (Recurring cost)
13	Forest NOC	31.05.2018
14	Quarry plan	13.09.2021
15	Cluster certificate	13.09.2021
16	Revenue NOC	12.03.2020
17	DTF	18.11.2020
18	C & I Notification	27.07.2021

The proposal is for new Pink Granite quarry. As per the cluster the project was categorized as B1 and ToR was issued bySEIAA on 14.01.2022. Public Hearing was conducted on 31.05.2022.

There is an existing cart track road to a length of 446 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 informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

The proponent informed the committee that the mining activities would be carried out only during non-monsoon seasons and penalty paid to DMG for illegal mining activities.

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 2,55,157 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 16 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 5,000cum/Annum (Pink Granite) and 11,667cum/annum(Building Stone)

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

282.5 Residential Apartment and a Club House Project at Nallurahalli Village, K R Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District M/s. Prestige Estates Projects Limited- Online Proposal No.SIA/KA/MIS/280997/2022(SEIAA 94 CON 2022)

About the project:

Sl. No	PARTICULARS		INFORMATION
1.	Name & Address of the Project Proponent		Mr. Zaid Sadiq, Executive Director M/s. Prestige Estates Projects Limited, "Prestige Falcon Tower", No. 19,Brunton Road, Bengaluru – 560 025
2.	Name & Location of the Project		Development of Residential Apartment and a Club House Project – "Prestige Glen Brook", Sy. Nos. 25/1B(P) & 35(P), Nallurahalli Village, K R Puram Hobli, Bengaluru East Taluk, Bengaluru - 560 037.
3.	Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed 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		Tertiary drains on northern, center side of the project site. Nallurahalli Lake is at a distance of 105 m from the project site boundary.
6.	Plot Area (Sqm)		18.303.63Sqm
7.	Built Up area (Sqm)		57,073.22 Sqm
8.	FAR Permissible Proposed		 2.25 (41,183.20 Sqm) 2.19 (40,115.82 Sqm)
9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		Proposed project comprising of285 No.of residential units in Tower-1 & Tower-2with configuration of 2BF+GF+15UF and club housein2BF+GF+3UF with maximum height of the building is 50 m.
10.	Number of units/plots in case of Construction/Residential Township/Area Development Projects		285 nos
11.	Height Clearance		HAL NoC obtained on date 30.03.2022
12.	Project Cost (Rs. In Crores)		Rs. 99.74Crores
13.	Disposal of Demolition waster and or Excavated earth		Total Excavated earth quantity – 33,925m^3 For Backfilling - 6,280m^3 For Landscaping – 10,575m^3

			For driveway formation– 7,130 m^3 For site formation – 9,940 m^3	
14.	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	2,951.24 Sqm	
	b.	Kharab Land	--	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,049.86 Sqm	
	d.	Internal Roads	5,941.49 Sqm	
	e.	Paved area	--	
	f.	Others Specify	Services area – 2,361.04 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	18,303.63 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	6.75 KLD	
	d.	Waste water generation in KLD	6KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected in collection tank and will be treated in mobile STP.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	157KLD
			Recycled	82KLD
			Total	239KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	215KLD	
	d.	STP capacity	STP Capacity – 220KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 72KLD will be used for avenue plantation/construction works.	
16.	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	164m^3	
	b.	No's of Ground water recharge pits	19Nos.	

17.	Storm water management plan		Runoff from hardscape will be collected in collection sump of capacity 403cum and it will be utilized 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.
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 –57m^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	416kg/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	624 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:221.737 L/Annum (0.6075L/ 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	1940kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 kVA – 1 No. 500 kVA – 2 Nos.
	c.	Details of Fuel used for DG Set	261.9 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Lights, solar water heater, Cu wound transformer, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 24 %
20.	PARKING		
	a.	Parking Requirement as per norms	338Nos. of cars. (provided - 356 Nos. of cars)
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	

Road	Towards	Existing	Changed after road widening
Borewell road		B	B
Whitefield	Whitefield	C	B

			Main Road	Varthur	C	B
	c.	Internal Road width (RoW)	12 m wide existing Borewell road.			
21.	CER Activities		Development of walkway and provision of solar lights to Nallurahalli Lake- Rs. 10.0 Lakhs.			
22.	EMP Construction phase Operation Phase		During Construction: Capital Investment – 7.55Lakh Construction – 63.53 Lakh During Operation: Capital investment – 131.50Lakh Operation Investment – 26.50 Lakh/annum			

The proposal is for construction of residential apartments in an area earmarked for industrial use as per RMP of BDA, for which the proponent informed that they had obtained change of land use to residential as per GO dated 12.04.2022.

The committee during appraisal sought clarification for 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 tertiary drains in northern and southern side of project is rerouted as per DC order dated 24.06.2021 to the project boundary and 15mtr buffer is proposed from the center of the drain respectively. For harvesting rain water, the proponent has proposed 164cum capacity sump for runoff from rooftop and a pond of capacity 403cum capacity for runoff from landscape and paved areas in addition to 19nos 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 20 trees need to be removed and 46 trees to be retained and had made provisions to grow total of 243 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 with a condition to obtain necessary permission from concerned authority to construct culvert/bridge on driveway crossing drains.

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

282.6 Income Tax Office Building by Central Public Works Department for Income Tax Department Government of India Project at Infantry Road, Bengaluru North Taluk, Bangalore Urban District by M/s. Income Tax Department- Online Proposal No.SIA/KA/MIS/276215/2022(SEIAA 81 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION

1	Name & Address of the Project Proponent	Mr. Chetan Krishna H.G. Dy. Commissioner of Income Tax O/o Principal Chief Commissioner of Income Tax Commissioner of Income Tax(Admin & TPS), Central Revenue Building, Queens Road, Bengaluru-560001
2	Name & Location of the Project	Construction of Income Tax Office Building by Central Public Works Department (CPWD) for Income Tax Department, Government of India, Municipal No. 4, 5 & 6 Infantry Road, Bengaluru - 560001
3	Type of Development	Building and Construction Project Sl. No. 8 (a) of the Schedule of Gazette Notification dated September 14th. 2006 and further amendments.
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Construction of Income Tax Office 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	<u>Water Bodies</u> • Sampangi Lake – 1.77 Km, SW • Ulsoor Lake – 1.95 Km, E • Lalbagh lake – 4.18 Km, SW • Bangalore palace lake – 2.28 Km, NW • Lakasandra lake – 4.29 Km, SE • Hosakerehalli lake- 9.57 Km, SW
6	Plot Area (Sqm)	5318.70 SQM
7	Built Up area (Sqm)	29,163.78 SQM
8	FAR • Permissible • Proposed	4.00 3.75
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed configuration - BF+GF+19UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	Justified submitted informing that max height of proposed building is 1004.5mtr(921m AMSL+83.55m) and Existing building (Vishweshwaraiah Tower) at max height of 1021mtrs(927m AMSL+ 85m) located at a distance of 200mtr, South west.
12	Project Cost (Rs. In Crores)	177 Crores

13	Disposal of Demolition waste and or Excavated earth	Sl. No.	Item	Quantity (Cum)
		1	The total estimated earth work quantity	34578
		2	Back filling to be done between foundations	5186.7
		3	For roads and walkways	1728. 9
		4	Site formation & Landscaping	1728. 9
		5	Disposal with necessary permit	25933.5
		25933.5 Cum of excess excavated earth will be disposed with necessary permit		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	1209.41		
b.	Kharab Land	Nil		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	401.10 SQM + Vertical Garden		
d.	Internal Roads	Roads and pavements – 2714.70		
e.	Paved area			
f.	Others Specify	Surface parking –206.25 and others- 787.24		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	Total	5318.70 SQM		
15	WATER			
I.	Construction Phase			
a.	Source of water	BWSSB temporary connection & BWSSB - STP treated water.		
b.	Quantity of water for Construction in KLD	10 KLD		
c.	Quantity of water for Domestic Purpose in KLD	0.45 KLD		
d.	Wastewater generation in KLD	0.36 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Wastewater will be treated in the existing Septic tank and Soak Pit.		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	31 KLD	
		Recycled	16 KLD	
		Total	47 KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	38 KLD		
d.	STP capacity	50 KLD		
e.	Technology employed for Treatment	STP-MBR Technology		
f.	Scheme of disposal of excess treated water if any	The treated water will be reused for greenbelt development Road wash and Car wash		
16	Infrastructure for Rain water harvesting			

	a.	Capacity of sump tank to store Roof run off	Rainwater harvesting Pond proposed size 15.0x2.0x4.0 M SWD- 120 Cum Roof runoff will be collected in a sump of capacity 40 Cum at the basement and this water will be used for non potable purposes
	b.	No's of Ground water recharge pits	1 No. of Recharge Pond of size 15x2x4 M SWD
17		Storm water management plan	Surface runoff will be connected to recharge pond and excess will follow natural flow pattern
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total domestic garbage generation during construction will be given to BBMP
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Total 0.275 MT/day of solid waste during operational phase will be segregated into organic and inorganic waste. 0.110 MT/day of Organic waste will be composted using organic waste converter and 0.165 MT/day of inorganic waste will be given to KSPCB Authorized re-cyclers.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nearly 80 LPA of Used Oil from D.G. Sets will be stored at an identified place in leak proof barrels and will be given to KSPCB authorized refiners.
	d.	Quantity of E waste generation and mode of Disposal as per norms	120 Kg/Annum will be stored in separate room and handed over to KSPCB Authorized re-processors/recyclers.
19		POWER	
	a.	Total Power Requirement - Operational Phase	1500 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Backup DG set of capacity 2 X 625 KVA will be used only during power failure.
	c.	Details of Fuel used for DG Set	HSD for DG sets with low Sulphur content <0.05%.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar energy will be connected to building main grid. 30% savings will be achieved out of the connected electrical load.
20		PARKING	
	a.	Parking Requirement as per norms	Total car parking provision is for 422 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Cubbon Road and Infantry Road are parallel roads which are interconnected by several roads to reach each other road very quickly to change the direction
	c.	Internal Road width (RoW)	13 m
21		CER Activities Proposed	Government of India Project
22		EMP	• Construction phase

	• Construction phase • Operation Phase	Capital Cost – 29 Lakhs • Operation Phase Capital Cost – 658.75 Lakhs Recurring Cost – 41.40 Lakhs/annum

The proposal is for construction of Income Tax Office Building by Central Public Works Department, GoI, in an area earmarked for commercial use as per RMP of BDA.

The committee during appraisal sought clarification for disposal of excavated earth, and provisions for harvesting rain water in the proposed area. The proponent informed that excess excavated earth of 25,000cum would be disposed after obtaining necessary permission from concerned authorities, for which committee suggested to look into possibilities of using excess excavated earth for construction of non-load bearing compound walls, for which the proponent agreed. The proponent for harvesting rain water a pond of 120cum is proposed within the site boundary.

The proponent informed that they have made provisions to grow 40 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.

282.7 Residential Building (Villas) Project at Mallasandra Village, Kasaba Hobli, Hoskote Taluk, Bangalore District by M/s. Kumari Infra Homes Pvt. Ltd.- Online Proposal No.SIA/KA/MIS/274188/2022 (SEIAA 69 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Mr. T. Narasimhulu Managing Director M/s. Kumari Infra Homes Pvt., Ltd., Having office at No. 1197, 1st Floor, 22nd Cross, 24th Main, Parangipalya, HSR Layout, Sector – 2, Bangalore – 560102.
2		Name & Location of the Project	Residential Building (Villas) by M/s. KumariInfra Homes Pvt. Ltd. at Sy. Nos. 40/1, 2, 3, 4, 5, 41/1, 41/5, 6, 7 of Mallasandra Village, Kasaba Hobli, Hoskote Taluk, Bangalore Rural District.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Building (Villas) 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 a kunte towards east for which 30m buffer isleft as per Zoning Regulation
6		Plot Area (Sqm)	The total site area is 40,822.32 sq.m. The Net site area is 38,777.84 sq.m.
7		Built Up area (Sqm)	39,354.33 sq.m.
8		FAR • Permissible • Proposed	 2.50 0.899
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Ground Floor + 2 Upper Floors
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	165 units
11		Height Clearance in meters above sea level	Site elevation :869AMSL Permissible top elevation :1035m AMSL Difference :166mtr Height proposed :10.35mtr
12		Project Cost (Rs. In Crores)	78 Crores
13		Disposal of Demolition waster and or Excavated earth	No Demolition
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	16,760.04 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	12,796.69 sq.m
	d.	Internal Roads	9,221.11 Sq.m
	e.	Paved area	-
	f.	Others Specify	-
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	38,777.84 sq.m..
15		WATER	
	I.	Construction Phase	
	a.	Source of water	From Nearby treated water suppliers
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP

	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	49.16
			Recycled	37.13+28.80
			Total	115.09
	b.	Source of water	Gram Panchayat	
	c.	Waste water generation in KLD	109.33 KLD	
	d.	STP capacity	125 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 toiletflushing, landscaping in the project site, avenueplantation and Reuse after treating with ultrafiltrationand reverse osmosis.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	452cu.m.	
	b.	No's of Ground water recharge pits	38 Nos.	
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18		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	198.00kg/day. Biodegradable waste will be converted in organic convertor.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	132.00 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 : 25.11%	

<table>
<tr><td colspan="2">20</td><td>PARKING</td><td></td></tr>
<tr><td></td><td>a.</td><td>Parking Requirement as per norms</td><td>225 ECS</td></tr>
<tr><td></td><td>b.</td><td>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report</td><td>NH648 road, LOS – B</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>6.10m</td></tr>
<tr><td colspan="2">21</td><td>CER Activities</td><td><table><tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></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>Health camp in nearby community places</td></tr></table></td></tr>
<tr><td colspan="2">22</td><td>EMP
• Construction phase
• Operation Phase</td><td>EMP (Construction & Operation)<table><tr><th>Operation Phase</th><th>Construction Phase</th></tr><tr><td>Recurring Cost Per Annum = 52.2 lakhs
Capital Cost = 225.0 lakhs</td><td>Recurring Cost Per Annum = 15.75 lakhs
Capital Cost = 50.79 lakhs</td></tr></table></td></tr>
</table>

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

The committee during appraisal sought clarification for water body as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that a buffer of 30mtrs from edge is proposed for the water body in east. For harvesting rain water, the proponent has proposed 905cum capacity for runoff from rooftop and an additional tank of capacity 443cum capacity for runoff from landscape and paved areas in addition to 38nos recharge pits within the project area.

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

282.8 Residential Apartment and a Club House Prestige Elm Park Project at Sy. No. 142 of Channasandra Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District M/s. Prestige Estates Projects Limited- Online Proposal No.SIA/KA/MIS/278373/2022 (SEIAA 87 CON 2022)

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

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

282.9 Residential Apartment project at Varthur Village, Varthur Hobali, Bangalore East Taluk, Bangalore Urban District M/s. Green Edge Ventures- Online Proposal No.SIA/KA/MIS/279231/2022 (SEIAA 90 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. Green Edge Ventures, No. 73, Sorahunase, Varthur Post, Varthur Hobli, Bangalore - 560087
2		Name & Location of the Project	Proposed Residential Apartment project at Sy. Nos. 58/2, 60/8, 60/9, 60/10, 60/19, 60/20 & 60/21 of Varthur Village, Varthur Hobali, Bangalore East Taluk, Bangalore
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Primary drain in west Tertiary drain in west and south.
6		Plot Area (Sqm)	13,405.09 sqm
7		Built Up area (Sqm)	40,077.09 Sqm
8		FAR	
		• Permissible	3.0
		• Proposed	2.293
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Building configuration Block A, B, C & D : B+G+4UF
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	310 Nos.

11		Height Clearance	NA	
12		Project Cost (Rs. In Crores)	Rs. 50 Cr.	
13		Disposal of Demolition waster and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 38,000 cum For back filling = 15,000 cum For Landscape= 10,000 cum For Internal Road making =13,000 cum	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	5,888.37 Sqm	
	b.	Kharab Land	1,011.71 Sqmt	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,911.65 sqm	
	d.	Internal Roads	2,340.44 Sqm	
	e.	Paved area		
	f.	Others Specify	Nala Kharab area is 252.92 Sqmt	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	13,405.09 sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	30 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	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	139
			Recycled	70
			Total	209
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	189	
	d.	STP capacity	200 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be used floor washing, given to nearby construction activities/ 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	10 nos	
17		Storm water management plan	An additional tank of 150 cum to be provided for harvesting water from hardscape areas and excess to be used to recharge ground water through	

		recharge pits		
18	WASTE MANAGEMENT			
I.	Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities		
II.	Operational Phase			
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	419 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	279 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	25 kg/year to PCB authorized recyclers		
19	POWER			
a.	Total Power Requirement - Operational Phase	1500 kW		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 2 Nos.		
c.	Details of Fuel used for DG Set	Low Sulphuric diesel		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 16.36%		
20	PARKING			
a.	Parking Requirement as per norms	341 ECS		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS B&C		
c.	Internal Road width (RoW)	8.0m		
21	CER Activities	Proposed to be spent for development of infrastructure for nearby Govt School.		
22	EMP • Construction phase • Operation Phase	Capital investment	15.0 Lakhs	
		During Construction	37.0 Lakhs/annum	
		Capital investment	162.0 lakhs	
		During operation	42.0 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 clarification for drains and foot kharab as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that foot kharab and drain in west is rerouted as per DC order dated 27.08.2021 and had obtained clarification from Chief Engineer, BBMP, Storm water Division in letter dated 30.07.2021, as per which the tertiary drain in south is a irrigation drain and does not require buffer. And a primary drain in west is at a distance of 50mtr from the project boundary and for the tertiary drain in west 15mtr buffer from the center is provided. For harvesting rain water, the proponent has proposed 100cum tank capacity for

runoff from rooftop and an additional tank of capacity 150cum 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 he had made provisions to grow 152 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.

282.10Shahabad Stone Quarry Project at Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) by Sri Balrajgoud S/o Rajannagoud - Online Proposal No.SIA/KA/MIN/279390/2022 (SEIAA 293 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Balrajgoud S/o Rajannagoud
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy. No. 147/*/3 of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) Boundary Points / Latitude / Longitude BP-A / N 17° 22' 53.7" / E 77° 30' 18.8" BP-B / N 17° 22' 52.1" / E 77° 30' 19.9" BP-C / N 17° 22' 53.8" / E 77° 30' 18.1" BP-D / N 17° 22' 54.1" / E 77° 30' 17.2"
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	2,172.5 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.94 Crores (Rs. 94 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	18,772 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1303.5 Cum/ Annum

11	**CER Activities:** Year: Corporate Environmental Responsibility (CER) 1st: The proponent proposes to distribute nursery plants at Miriyan Village and Strengthening of approach Road 2nd: Conducting E-waste drive campaigns at Miriyan Village 3rd: Solar Power Panels in 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. 29.24 Lakhs (Capital Cost) & 5.15 Lakhs (Recurring cost)
13	Forest NOC	12.07.2021
14	Quarry plan	16.06.2022
15	Cluster certificate	09.06.2022
16	Revenue NOC	15.02.2021
17	Notification	25.03.2022
18	JSR	22.07.2021

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 4-20 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 informed the committee that, penalty was paid to DMG for illegal workings.

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 18,772 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 2,172.5Cum/ Annum (including waste).

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

282.11Building Stone Quarry Project at Sy No. 458/1 of Hirehonalli Village, Kalaghatgi Taluk, Dharwad District (1-00 Acre) by Sri Ravindra M Irkal- Online Proposal No.SIA/KA/MIN/270113/2022(SEIAA 205 MIN 2022)

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

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

282.12 Building Stone Quarry Project at Ammanagudi Kaval Village, Belur Taluk, Hassan District (6-38 Acres) by Smt. Gousiya Khanum- Online Proposal No.SIA/KA/MIN/280148/2022(SEIAA 296 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>Smt. Gousiya Khanum</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 25 of Ammanagudi Kaval Village, Belur Taluk, Hassan District (6-38 Acres)
<table>
<tr><th>B. P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 10' 56.4"</td><td>E 75° 55' 54.9"</td></tr>
<tr><td>B</td><td>N 13° 10' 56.1"</td><td>E 75° 55' 58.6"</td></tr>
<tr><td>C</td><td>N 13° 10' 56.2"</td><td>E 75° 55' 59.9"</td></tr>
<tr><td>D</td><td>N 13° 10' 50.4"</td><td>E 75° 55' 55.9"</td></tr>
<tr><td>E</td><td>N 13° 10' 51.0"</td><td>E 75° 56' 01.1"</td></tr>
</table></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>New</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>6-38 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2,15,529 Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.80 Crores (Rs. 80 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>19,98,537 Tonnes (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,11,218Tons/ Annum</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
• Propose take up 600 No. of additional plantation on either side of the approach road from quarry location to Ammanagudi Kaval Village Road and to provide necessary furniture and infrastructure to near by Govt. School</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 26.35Lakhs (Capital Cost) &7.19 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>13.05.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>24.05.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>24.05.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>04.02.2021</td></tr>
<tr><td>17</td><td>Notification</td><td>06.05.2022</td></tr>
</table>

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 6-38 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 600 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 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 19,98,537 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,15,529 Tons/ Annum (including waste).

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

282.13 Building Stone Quarry Project at Honnenahalli Kaval Village, Belur Taluk, Hassan District (10-35 Acres) by Sri Vijay Kumar B.V.- Online Proposal No.SIA/KA/MIN/280193/2022(SEIAA 299 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Vijay Kumar B.V
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 52/2 of Honnenahalli Kaval Village, Belur Taluk, Hassan District (10-35 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	10-35 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	4,12,910 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.90 Crores (Rs. 90 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	34,06,508 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,79,877 Tons/ Annum

B. P. No.	Latitude	Longitude
A	N 13° 13' 36.3"	E 75° 55' 04.3"
B	N 13° 13' 41.2"	E 75° 55' 12.3"
C	N 13° 13' 38.3"	E 75° 55' 12.6"
D	N 13° 13' 35.6"	E 75° 55' 14.2"
E	N 13° 13' 31.7"	E 75° 55' 07.2"

11	**CER Activities:** • Propose take up 2000 No. of additional plantation on either side of the approach road from quarry location to Honnenahalli kaval Village Road and to provide infrastructure facilities to near by Govt. School	
12	EMP Budget	Rs. 29.95 Lakhs (Capital Cost) & 9.19 Lakhs (Recurring cost)
13	Forest NOC	15.02.2022
14	Quarry plan	30.05.2022
15	Cluster certificate	17.05.2022
16	Revenue NOC	23.11.2021
17	Notification	25.04.2022

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 10-35 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 360 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after cement concreting 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 34,06,508 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 4,12,910 Tons/ Annum (including waste).

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

282.14 Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No. 80/*/8 of Polakpalli Village, Chincholi Taluk & Kalaburagi District (1-00 Acre) by Sri Bhaskar Reddy P- Online Proposal No.SIA/KA/MIN/264285/2022(SEIAA 183 MIN 2022)

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

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

282.15 Building Stone Quarry Project at Meundi Village, Mundargi Taluk, Gadag District (1-00 Acre) by Sri Jagadish G. Harugeri - Online Proposal No.SIA/KA/MIN/280770/2022 (SEIAA 313 MIN 2022)

About the project:

	PARTICULARS	INFORMATION

<table>
<tr><td>Sl.No</td><td></td><td></td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Jagadish. G. Harugeri</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 491/3 of Meundi Village, Mundargi Taluk, Gadag District (1-00 Acre)
<table>
<tr><th>SL.No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15° 15' 42.80"</td><td>E 75° 50' 27.40"</td></tr>
<tr><td>B</td><td>N 15° 15' 39.71"</td><td>E 75° 50' 28.27"</td></tr>
<tr><td>C</td><td>N 15° 15' 38.87"</td><td>E 75° 50' 30.44"</td></tr>
<tr><td>D</td><td>N 15° 15' 40.87"</td><td>E 75° 50' 30.24"</td></tr>
</table></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>New</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>1-00 Acre</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>31,579Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.04 Crores (Rs. 104 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,25,246 Tons (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>30.000tonns/ Annum</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 to the GHPS school at Meundi village.</td></tr>
<tr><td>2nd</td><td>The proponent proposes to distribute nursery plants at Meundi village & Strengthening of approach road.</td></tr>
<tr><td>3rd</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages.</td></tr>
<tr><td>4th</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder.</td></tr>
<tr><td>5th</td><td>Health camp in the GLPS school at Meundi village.</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 22.08 Lakhs (Capital Cost) & 6.37 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>23.07.2018</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>04.07.2019</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>04.07.2019</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>21.07.2018</td></tr>
<tr><td>17</td><td>Notification</td><td>18.06.2019</td></tr>
</table>

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 3-20 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 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 1.25,246 Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 4 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 31,579 Tons/ Annum (including waste).

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

282.16 Shahabad Stone Quarry Project at Ingalagi Village, Chittapur Taluk, & Kalaburagi District (2-00 Acres) by Sri Umer Patel S/o Hussain Patel - Online Proposal No.SIA/KA/MIN/279099/2022 (SEIAA 317 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Umer Patel S/o Hussain Patel
2	Name & Location of the Project	Shahabad Stone Quarry Project at No.350/*/1, Ingalagi Village, Chittapur Taluk, & Kalaburagi District (2-00 Acres) 1. N17°02'58.8" E76°56'09.6" 2. N17°02'56.9" E76°56'09.4" 3. N17°02'56.5" E76°56'04.5" 4. N17°02'58.3" E76°56'04.7"
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	41,666 Sq.mt./ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.5 Crores (Rs. 50 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,50,000Sq.mt.(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	25,000Sq.mt/ Annum
11	**CER Activities:** • Propose take up 300No. of additional plantation and maintenance on both side of Ingalagi water pone and to provide infrastructure facilities to Ingalagi or Chittapur Govt. School	

12	EMP Budget	Rs. 22.40 Lakhs (Capital Cost) &4.55 Lakhs (Recurring cost)
13	Forest NOC	04.05.2022
14	Quarry plan	28.06.2022
15	Cluster certificate	27.06.2022
16	Revenue NOC	11.03.2022
17	Notification	23.05.2022
18	JSR	12.04.2022

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 2-00 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 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 7,50,000 Sq.mt. (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 18 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 41.666 Sq.mt. / Annum (including waste).

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

282.17 Ordinary Clay Quarry Project at Karalaga Village, Khanapur Taluk, & Belagavi District (2-34 Acres) Sri Ravindra Guruputrappa Badde - Online Proposal No.SIA/KA/MIN/271670/2022 (SEIAA 318 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Ravindra Guruputrappa Badde
2	Name & Location of the Project	Ordinary Clay Quarry Project at Sy.No.99/2(P) of Karalaga Village, Khanapur Taluk, & Belagavi District (2-34 Acres) Lattitude Longitude N15°37'37.9304" E74°33'51.4182" N15°37'38.7815" E74°33'57.0511" N15°37'36.7384" E74°33 '57.5220" N15°37'35.7701" E74°33'51.6829"
3	Type Of Mineral	Ordinary Clay Quarry

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-34 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	21,420 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.80 Crores (Rs. 80 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,74,420Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,349 Tons/ Annum
11	**CER Activities:** Plantations both side of Jalga water pond150 Saplings/First year proposed Watering and maintainance of plantations. And to provide infrastructure facilities to nearyby Govt. School.	
12	EMP Budget	Rs. 10.3Lakhs (Capital Cost) &10.7 Lakhs (Recurring cost)
13	Forest NOC	07.12.2021
14	Quarry plan	16.05.2022
15	Cluster certificate	14.06.2022
16	Revenue NOC	15.11.2021
17	Notification	28.04.2022

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 2-34 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 250 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 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 further informed that based on wind rose diagram and informed that predominantly wind blows in southwest direction, the committee informed the proponent to implement additional plantation and dust mitigation measures and to carry out routine health checkups mainly for Silicosisto the workers, 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 1,74,420 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 21,420 Tons/ Annum (including waste).

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

282.18 Building Stone Quarry Project at Halekote Village, Siruguppa Taluk, Ballari District (3-00 Acres) by Sri S K Amjad Basha- Online Proposal No.SIA/KA/MIN/281777/2022(SEIAA 319 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri S K Amjad Basha
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 528 Part of Halekote Village, Siruguppa Taluk, Ballari District (3-00 Acres) Latitude Longitude A N 15°33'5.11957" E 76°53'40.229" B N 15°33'1.19684" E 76°53'40.17" C N 15°33'1.24453" E 76°53'36.7946" D N 15°33'5.16729" E 76°53'36.8535"
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	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	36,763 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.94 Crores (Rs. 294 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,28,976.54 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	36,201 Tons/ Annum
11	**CER Activities:** To grow 2500 trees on the sides approach road and SH-19and to provide infrastructure facilities(additional room and toilets) to Halekote Govt. School	
12	EMP Budget	Rs. 11.45 Lakhs (Capital Cost) & 2.32 Lakhs (Recurring cost)
13	Forest NOC	18.08.2021
14	Quarry plan	17.01.2022
15	Cluster certificate	09.05.2022
16	Revenue NOC	18.10.2010
17	Notification	02.11.2021

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 5-00 Acres 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 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 5,28,976.54 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 production of 36,763 Tons/ Annum (including waste).

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

282.19 Building Stone Quarry Project at AinapurVillage, Vijayapura Taluk, Vijayapura Hobli, VijayapuraDistrict (4-21 Acres) by Sri Manjunath Patil- Online Proposal No.SIA/KA/MIN/280779/2022(SEIAA 307 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Manjunath Patil
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 144/5+6 of AinapurVillage, Vijayapura Taluk, Vijayapura Hobli, Vijayapura District (4-21 Acres)
		Sl. No. / Latitude / Longitude A / N 16° 51' 16.24" / E 75° 45' 47.01" B / N 16° 51' 24.83" / E 75° 45' 53.82" C / N 16° 51' 23.15" / E 75° 45' 55.25" D / N 16° 51' 14.86" / E 75° 45' 48.53" 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]	Patta
6	Area in Acres	4-21 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,68,421 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.42 Crores (Rs. 142 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	12,28,492 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,60,000 Tons/ Annum

11	**CER Activities:** Year: Corporate Environmental Responsibility (CER) 1st: Providing solar power panels to common public places 2nd: Conducting E-waste drive campaigns in the nearby localities 3rd: Rain water harvesting pits near by school 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 of road With drainages	
12	EMP Budget	Rs. 45.18 Lakhs (Capital Cost) & 9.00 Lakhs (Recurring cost)
13	Forest NOC	02.11.2021
14	Quarry plan	22.06.2022
15	Cluster certificate	22.06.2022
16	Revenue NOC	05.10.2021
17	Notification	17.06.2022

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 including the present lease is 7-01 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 680 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 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 committee with reference to the industrial area in western sided informed the proponent to implement additional plantation and dust mitigation measures and to carry out controlled blasting in western side of the 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 12,28,492 Tonnes (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 1,68,421 Tons/ Annum (including waste).

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

282.20Grey Granite Quarry Project at Mudgal Village, Lingasugur Taluk, Raichur District (4-00 Acres) by Sri Veeresh S Kashappanavar- Online Proposal No.SIA/KA/MIN/278499/2022(SEIAA 289 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Veeresh S Kashappanavar

2	Name & Location of the Project	Grey Granite Quarry Project at Sy. Nos. 711/*/*, 712/*/* & 724/*/* of Mudgal Village, Lingasugur Taluk, Raichur District (4-00 Acres) Corner Pillar / Latitude / Longitude A / N 15°58'[illegible] / E 76°27'[illegible] B / N 15°58'[illegible] / E 76°27'[illegible] C / N 15°58'[illegible] / E 76°27'18.0" D / N 15°58'[illegible] / E 76°27'[illegible] 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	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	36,000 Cum/ 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	4,81,690.07 Cum (including waste) i.e 1,44,507cum (recovery) 3,37,183cum(waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,800 Cum/ Annum
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to GHPS school at Mudgal Village
2nd	The proponent proposes to distribute nursery plants at Mudgal Village & Strengthening of approach road
3rd	Rain water harvesting pits in GHPS school at Mudgal 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 Mudgal Village

12	EMP Budget	Rs. 32.57 Lakhs (Capital Cost) & 22.61 Lakhs (Recurring cost)
13	Forest NOC	20.06.2020
14	Quarry plan	29.04.2022
15	Cluster certificate	14.06.2022
16	Revenue NOC	05.07.2021
17	DTF	03.03.2022
18	JSR	29.07.2021

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of 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 360 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 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 4,81,690.07 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 14 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 36.000 Cum/ Annum (including waste).

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

282.21Building Stone Quarry Project at Gananguru Village, Srirangapatna Taluk, Mandya District (3-35 Acres) by M/s. N K Stone Crusher- Online Proposal No.SIA/KA/MIN/269335/2022 (SEIAA 193 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. N K Stone Crusher
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 189 of Gananguru Village, Srirangapatna Taluk, Mandya District (3-35 Acres) GPS READINGS OF CORNER PILLERS POINT / LATITUDE / LONGITUDE A / N 12° 28' 13.6" / E 76° 46' 19.0" B / N 12° 28' 13.0" / E 76° 46' 25.2" C / N 12° 28' 11.7" / E 76° 46' 24.8" D / N 12° 28' 11.7" / E 76° 46' 24.0" E / N 12° 28' 09.7" / E 76° 46' 23.5" F / N 12° 28' 09.7" / E 76° 46' 22.9" G / N 12° 28' 11.0" / E 76° 46' 19.9" H / N 12° 28' 11.2" / E 76° 46' 18.7" 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	3-35 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,05,263 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.29 Crores (Rs. 129 Lakhs)
9	Proved Quantity of mine/ Quarry-	14,00,497Tons (including waste)

	Cu.m / Ton	
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000 Tons/ Annum
11	**CER Activities:**To construct and donate additional room to near by Govt. School.	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to common public places to the GHPS school at Ragimuddanahalli village.
2nd	Scientific support and awareness to local farmers to increase yield of crop and fodder
3rd	Rain water harvesting pits to the GHPS school at Ragimuddanahalli village.
4th	Conducting E-waste drive campaigns at Ragimuddanahalli village.
5th	Health camp in nearby community places at Ragimuddanahalli village.

12	EMP Budget	Rs. 26.89 Lakhs (Capital Cost) & 7.82 Lakhs (Recurring)
13	Forest NOC	18.03.2022& 04.07.2022
14	Quarry plan	11.04.2022
15	Cluster certificate	11.04.2022
16	Revenue NOC	29.01.2022
17	Notification	08.04.2022

As per the cluster sketch there are 20 leases including the present lease within 500 meter radius from this lease out of which 13 leases are exempted from cluster as the leaseswere granted prior to 09/09/2013 and the total area of the remaining leases including the present lease is 7-17 Acres 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 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 14,00,497 Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 14 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,05,263 Tons/ Annum (including waste).

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

282.22Building Stone Quarry Project at Burhanpur Village, Manvi Taluk, Raichur District (6-00 Acres) by Sri M. Eranna- Online Proposal No.SIA/KA/MIN/282515/2022(SEIAA 324 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri M. Eranna

2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 10 of Burhanpur Village, Manvi Taluk, Raichur District (6-00 Acres) Corner Pillar / Latitude / Longitude 1 / N 15° 57' 15.3" / [illegible] 2 / N 15° 57' 18.5" / [illegible] 3 / N 15° 57' 19.1" / [illegible] 4 / N 15° 57' 43.9" / [illegible] 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]	Government
6	Area in Acres	6-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,53,061 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.52 Crores (Rs. 152 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	27,33,437Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,000 Tons/ Annum
11	**CER Activities:** Year / Corporate Environmental Responsibility (CER) 1st / The proponent proposes to distribute nursery plants at Burhanpur village and Strengthening of approach Road 2nd / Rain water harvesting pits to GLPS at Burhanpur village 3rd / Solar Power Panels in Government Lower primary school at Burhanpur village 4th / Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages 5th / Health camp in nearby community places	
12	EMP Budget	Rs. 38.03 Lakhs (Capital Cost) & 9.35 Lakhs (Recurring cost)
13	Forest NOC	20.12.2019
14	Quarry plan	25.06.2022
15	Cluster certificate	28.06.2022
16	Revenue NOC	21.10.2019
17	DTF	21.06.2021
18	JSR	27.11.2020

As per the cluster sketch there are 04 leases including the present lease within 500 meter radius from this lease out of which 01 leaseis exempted from cluster as EC was granted prior to 15.01.2016 and the total area of the remaining leases including the present lease is 10-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 230 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 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 27,33,437Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 18 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,061 Tons/ Annum (including waste).

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

282.23 Ordinary Clay Quarry Project at Karalaga Village, Khanapur Taluk& Belagavi District (5-00 Acres) by M/s. Malini Minerals, Sri Santoshkumar B Patil- Online Proposal No.SIA/KA/MIN/271662/2022(SEIAA 325 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Malini Minerals, Sri Santoshkumar B Patil
2	Name & Location of the Project	Ordinary Clay Quarry Project at Sy.No.39/1(P) of Karalaga Village, Khanapur Taluk & Belagavi District (5-00 Acres) [redacted] A N15°37'35.0647" E74°33'28.8174" B N15°37'30.0921" E74°33'27.8493" C N15°37'31.0683" E74°33'27.8493" D N15°37'34.6998" E74°33'33.8502"
3	Type Of Mineral	Ordinary Clay Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	42,000 Tons/ Annum (Including Waste)
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crores (Rs. 100 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,62,000 Tons(Including Waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	39,900 Tons/ Annum
11	**CER Activities:** • To grow additional 500 trees all along the approach road and to provide infrastructure facilities to neary by Govt. School. • Desilting of nala/water pond near Karalaga village.	

12	EMP Budget	Rs. 17.40 Lakhs (Capital Cost) & 11.10 Lakhs (Recurring cost)
13	Forest NoC	07.12.2021
14	Quarry plan	16.05.2022
15	Cluster certificate	14.06.2022
16	Notification	28.04.2022
17	Revenue	15.11.2021

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 5-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 450 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 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 further informed that based on wind rose diagram and informed that predominantly wind blows in southwest direction, the committee informed the proponent to implement additional plantation and dust mitigation measures and to transport in covered/enclosed vehicles and also to carry out routine health checkups mainly for Silicosis to the workers, for which the proponent agreed.

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

The committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,62,000 Tons (including waste) for 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 42,000 Tons/Annum (including waste).

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

282.24 Building Stone Quarry Project at Athani Village,Athani Taluk, Belagavi District (2-20 Acers) by Sri Mukkavvadevi Stone Crusher- Online Proposal No.SIA/KA/MIN/278969/2022(SEIAA 288 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mukkavvadevi Stone Crusher
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 475/1B of Athani Village, Athani Taluk, Belagavi District (2-20 Acers)
3	Type Of Mineral	Building Stone Quarry

Corner Pillar	Latitude	Longitude
BP-A	N 16° 45'51.0984"	E 75° 06'39.4763"
BP-B	N 16° 45'53.2001"	E 75° 06'41.2003"
BP-C	N 16° 45'54.2001"	E 75° 06'35.9999"
BP-D	N 16° 45'51.9003"	E 75° 06'35.4001"

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest. Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-20 Acers
7	Annual Production (Metric Ton / Cum) Per Annum	20,408 Tons/ 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	3,86,939 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,000 Tons/ Annum
11	**CER Activities:** To take up 300 No. of additional plantation on either side of the approach road from quarry location to Athani Village Road	
12	EMP Budget	Rs. 14.55 Lakhs (Capital Cost) & 3.55 Lakhs (Recurring cost)
13	Forest NOC	09.04.2021
14	Quarry plan	09.05.2022
15	Cluster certificate	07.07.2022
16	Revenue NOC	03.04.2021
17	Notification	05.04.2022

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 including the present lease is 5-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 180 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 and the road connecting to the crusher as per IRC standard norms and 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 3,86,939 Tonnes (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 20,408 Tons/ Annum (including waste).

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

282.25 Building Stone (M-Sand) Quarry Project at Katkol Village, Ramadurg Taluk, Belagavi District (5-32 Acres) bySri Visharada M Sand Unit- Online Proposal No.SIA/KA/MIN/277705/2022 (SEIAA 295 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Visharada M Sand Unit
2	Name & Location of the Project	Building Stone (M-Sand) Quarry Project at Sy. Nos. 128/1, 128/2 (P) of Katkol Village, Ramadurg Taluk, Belagavi District (5-32 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	5-32 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	81,633Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.37 Crores (Rs. 37 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	22,65,758 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	65,306 Tons/ Annum
11	**CER Activities:** • To take up 400 No. of additional plantation on either side of the approach road from quarry location and to provide infrastructure to nearby Govt. School.	
12	EMP Budget	Rs. 26.75 Lakhs (Capital Cost) & 10.59 Lakhs (Recurring cost)
13	Forest NOC	22.10.2018
14	Quarry plan	20.05.2022
15	Cluster certificate	07.06.2022
16	Revenue NOC	27.07.2018
17	Notification	23.02.2022

Survey Point	Latitude	Longitude
BP-A	N 15° 59' 25.7078"	E 75° 09' 30.3036"
BP B	N 15° 59' 29.6016"	E 75° 09' 33.0002"
BP C	N 15° 59' 29.1802"	E 75° 09' 34.5978"
BP D	N 15° 59' 28.4025"	E 75° 09' 34.3998"
BP E	N 15° 59' 27.4984"	E 75° 09' 37.2990"
BP F	N 15° 59' 28.2007"	E 75° 09' 37.5008"
BP G	N 15° 59' 27.9979"	E 75° 09' 38.0999"
BP H	N 15° 59' 25.6007"	E 75° 09' 35.2983"
BP I	N 15° 59' 25.1182"	E 75° 09' 30.4957"

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 5-32 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 680 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 and the road connecting to the crusher as

per IRC standard norms and 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 22,65,758Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 28 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 81,633 Tons/ Annum (including waste).

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

Members present in the meeting held on 29th July - 2022

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

282.26 Building Stone Quarry Project at Atighatte Village, Tarikere Taluk, Chikkamagaluru District (4-00 Acres) (vide QL No. 536) by M/s. Sky Ventures- Online Proposal No.SIA/KA/MIN/276102/2022 (SEIAA 254 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Sky Ventures
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 57 of Atighatte village, Tarikere Taluk, Chikkamagaluru District (4-00 Acres) (vide QL No. 536)

		DATUM – WGS-84	
		Points	Latitude	Longitude
		A & X	13° 48' 57.8"N	75° 5" 10.0"E
		B	13° 48' 56.9"N	75° 5" 12.6"E
		C	13° 48' 52.3"N	75° 5" 07.5"E
		D	13° 48' 52.3"N	75° 5" 04.8"E
		Y	13° 48' 55.1"N	75° 5" 1".9"E
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	4-00 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	3,10,479.2 Tons/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	15,86,416Tons (including waste)	
10	Permitted Quantity Per Annum - Cu.m or Ton	2,99,308 Tons/ Annum (Max)	
11	**CER Activities:** To grow1000 No. of additional plantation on either side of the approach road from quarry location to Atighatte Village Road.		
12	EMP Budget	Rs. 17.95 Lakhs (Capital Cost) & 4.87 Lakhs (Recurring cost)	
13	Forest NOC	06.08.2013	
14	Quarry plan	04.05.2022	
15	Cluster certificate	17.05.2022	
16	Revenue NOC	14.03.2014	
17	Notification	17.10.2017	
18	Audit report	07.05.2022 & 10.06.2022	

The proposal is for expansion, for which earlier ECwas issued to Sri Suresh by DEIAA on 03.04.2017.The proponent submitted audit report till 2021-22 certified by DMG dated 10.06.2022 and informed the committee that no mining was carried out till date. EC was transferred to Sky Ventures by SEIAA on 12.07.2022.

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 including the present lease is 9-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 400 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 and the road connecting to the crusher as per IRC standard norms and 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 15.86,416 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 3,10,479.2 Tons/ Annum (including waste).

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

282.27 Building Stone Quarry Project at Mallasandra village, Doddaballapura Taluk & Bangalore Rural District (2-00 Acres) (vide QL No. 2643) by Sri Hemanth R- Online Proposal No.SIA/KA/MIN/273320/2022(SEIAA 239 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Hemanth R
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 33 of Mallasandra village, Doddaballapura Taluk & Bangalore Rural District (2-00 Acres) (vide QL No. 2643)
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	83,160.40 Tons/ 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	4,28,992 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m or Ton	84,100 Tons/ Annum (max)

Boundary Points	Latitude	Longitude
A	13° 25' 7.60"N	77° 26' 27.30"E
B	13° 25' 5.00"N	77° 26' 27.30"E
C	13° 25' 3.90"N	77° 26' 26.60"E
D	13° 25' 4.30"N	77° 26' 24.30"E
E	13° 25' 7.90"N	77° 26' 24.90"E

11	**CER Activities:** • Propose to provide Roof top Rain water Harvesting facility and painting to nearby Govt. Hullubanni Primary School, Mallasandra Village. • To grow 200 No. of additional plantation on either side of the approach road from quarry location to Mallasandra Village Road.	
12	EMP Budget	Rs. 14.60 Lakhs (Capital Cost) & 3.56 Lakhs (Recurring cost)
13	Forest NOC	03.07.2015
14	Quarry plan	18.03.2022
15	Cluster certificate	31.03.2022
16	Revenue NOC	24.06.2015
17	Notification	26.04.2016
18	Audit report	24.12.2021 & 02.06.2022

The proposal is for expansion, for which earlier EC was issued to Sri T Pillappa by DEIAA on 25.10.2015.The proponent submitted audit report till 2021-22 certified by DMG dated 02.06.2022 and informed the committee that no mining was carried out till date. EC was transferred to Sri Hemanth R by SEIAA on 12.07.2022.

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 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 60 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 and the road connecting to the crusher as per IRC standard norms and 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 4,28,992Tons (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 83,160.40 Tons/ Annum (including waste).

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

282.28 Building Stone Quarry Project at Heggotara Village, Chamarajanagar Taluk, Chamarajanagar District (1-14 Acres) by Sri V. Venkatachalam- Online Proposal No.SIA/KA/MIN/280838/2022(SEIAA 311 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects	Sri V. Venkatachalam

	Proponent	
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 154/4 of Heggotara Village, Chamarajanagar Taluk, Chamarajanagar District (1-14 Acres) GPS READINGS OF CORNER PILLERS POINT / LATITUDE / LONGITUDE A / N 11° 5' 07.2" / E 76° 31' 36.3" B / N 11° 5' 09.4" / E 76° 31' 36.7" C / N 11° 5' 09.6" / E 76° 31' 36.2" D / N 11° 5' 09.4" / E 76° 31' 39.6" A / N 11° 5' 07.6" / E 76° 31' 39.3"
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	1-14 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	21,053 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.06 Crores (Rs. 106 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,08,590 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,000 Tons/ Annum
11	**CER Activities:** To Construct compound wall for near by Govt. School. Year / Corporate Environmental Responsibility (CER) 1st / The proponent proposes to distribute nursery plants at Heggotara village & Strengthening of approach road 2nd 3rd / Scientific support and awareness to local farmers to increase yield of crop and fodder 4th / Conducting E-waste drive campaigns in the nearby localities 5th / Health camp in nearby community places	
12	EMP Budget	Rs. 24.21 Lakhs (Capital Cost) & 6.79 Lakhs (Recurring cost)
13	Forest NOC	28.02.2022
14	Quarry plan	18.06.2022
15	Cluster certificate	23.06.2022
16	Revenue NOC	18.02.2022
17	Notification	10.06.2022
18	JSR	04.06.2022

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 8-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 390 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 and the road connecting to the crusher as per

IRC standard norms and 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 2,08,590 Tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 21,053 Tons/ Annum (including waste).

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

282.29 Ornamental Granite (Grey Granite) Quarry Project at Chandur Village Kuknoor Taluk, Koppal District (3-18 Acres) by Sri V. K. Swaminath- Online Proposal No.SIA/KA/MIN/280835/2022 (SEIAA 310 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri V. K. Swaminath
2	Name & Location of the Project	Ornamental Granite (Grey Granite) Quarry Project at Sy. No. 15/1 of Chandur Village Kuknoor Taluk, Koppal District (3-18 Acres) Toposheet No: 57 A/2 & 57 A/3 Boundary Point / Latitude / Longitude A: 15° 27' 31.3" / 76° 03' 41.1" B: 15° 27' 35.5" / 76° 03' 42.6" C: 15° 27' 34.9" / 76° 03' 45.6" D: 15° 27' 29.8" / 76° 03' 43.7"
3	Type Of Mineral	Ornamental Granite (Grey Granite) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-18 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,000 Cum/ Annum (including waste) i.e 3,000cum/annum(Recovery) 7,000cum/annum(waste)
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,22,450 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,000 Cum/ Annum

11	**CER Activities:** Propose take up 350 No. of additional plantation on either side of the approach road from quarry location to Chandur Village Road. And to construct nearby Govt. School Compound wall	
12	EMP Budget	Rs. 16.90 Lakhs (Capital Cost) & 4.50 Lakhs (Recurring cost)
13	Forest NOC	03.02.2021
14	Quarry plan	17.06.2022
15	Cluster certificate	29.04.2022
16	Revenue NOC	19/04/2021
17	DTF	14.03.2022

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 3-18 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 asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

The committee with reference to the road in the southern side informed the proponent to implement additional plantation and dust mitigation measures in the southern side of the project facing road, 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 2,22,450 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 23years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,000 Cum/ Annum (including waste).

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

282.30 Building Stone Quarry Project at Heggotara village, Chamarajanagar Taluk, Chamarajanagar District (2-18 Acres) by Sri Shakthi V- Online Proposal No.SIA/KA/MIN/280829/2022(SEIAA 309 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Shakthi V
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 148/5A, 148/5B, 149/5B of Heggotara Village, Chamarajanagar Taluk, Chamarajanagar District (2-18 Acres)

		POINT / LATITUDE / LONGITUDE A / N 11° 47' 19.9" / E 76° 51' 42.8" B / N 11° 47' 02.5" / E 76° 51' 42.8" C / N 11° 47' 02.2" / E 76° 51' 42.1" D / N 11° 47' 07.0" / E 76° 51' 41.2" E / N 11° 47' 05.6" / E 76° 51' 40.7" F / N 11° 47' 04.2" / E 76° 51' 42.4" G / N 11° 47' 04.2" / E 76° 51' 42.1"
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	2-18 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	36,842Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.21 Crores (Rs. 121 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,88,178 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	35,000 Tons/ Annum
11	**CER Activities:**To construct compound wall to nearyby Govt. School Year / Corporate Environmental Responsibility (CER) 1st / The proponent proposes to distribute nursery plants at Heggotara village & Strengthening o 2nd / approach road 3rd / Scientific support and awareness to local farmers to increase yield of crop and fodder 4th / Conducting E-waste drive campaigns in the nearby localities 5th / Health camp in nearby community places	
12	EMP Budget	Rs. 39.19 Lakhs (Capital Cost) & 7.31 Lakhs (Recurring cost)
13	Forest NOC	28.02.2022
14	Quarry plan	18.06.2022
15	Cluster certificate	23.06.2022
16	Revenue NOC	18.02.2022
17	DTF	04.06.2022

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 9-21 Acres and hence the project is categorized as B2

There is an existing cart track road to a length of 650 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 and road connecting crusher as per IRC standard norms and 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 6,88,178 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 36,842 Tons/ Annum (including waste).

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

282.31 Development of Haraluru Industrial Area at near Palya, Naganayakanahalli, Muddenahalli, Haraluru & Polanahalli Villages, Devanahalli Taluk, Bengaluru Rural District Karnataka Industrial Areas Development Board (KIADB)- Online Proposal No.SIA/KA/NCP/71796/2020(SEIAA 15 IND 2022)

About the project:

S.NO	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		Development Officer- III KIADB, Zonal Office, Maharshi Aravinda Bhavan,14/3, 1st Floor. Nrupathunga Road, Bengaluru-560 001
2	Name & Location of the Project		Haraluru Industrial Area near Palya, Naganayakanahalli, Muddenahalli, Haraluru & Polanahalli Villages, Devanahalli Taluk, Bengaluru Rural District, Karnataka.
3	Co-ordinates of the Project Site & Type of project		13° 12' 31.57" N to 77° 45' 09.22" E 13° 14' 11.06" N to 77° 47' 25.26" E Category 7(c) as per EIA Notification 2006 (B1)
4	Environmental Sensitivity		
	a	Distance From nearest Lake/ River/Nala	Bettakote Amani Kere- 1.5 km (SW) Banda Kere- 6.0 Km (NE) Chikka Sanne Kere -7.2 Km (W) Bandhikodigenahalli Amani kere -7.7 Km (SW) Hoskote Tank- 8.2 Km (S)
	b	Distance from Protected area notified under wildlife protection act	NA
	c	whether located in critically /severally polluted area as per the CPCB norms	NA
5	New/Expansion/Modification/Product mix change		New
6	Plot Area (Sqm)		4900000 Sqm (490 Ha) (1210.85Acres)
7	Built Up area (Sqm)		-
8	Component of developments		Industrial Plots KSSIDC – Industrial plots Commercial Amenities

			Utility
			Park / Green Buffer
			Parking
			Road
			NH-207 Area - Buffer
9	Project cost (Rs. In Crores)		Rs. 240 Crores
10	Details of Land Use (Sqm)		
	a	Industrial plot area	2530904
	b	Commercial plot area	122012.72
	c	Amenities plot area	428764.438
	d	Utility plot area	100281.1
	e	Greenbelt / Buffer and Park	845145.495
	e	Parking	244106.38
	f	Internal Road along with 2m wide greenbelt buffer	612006.097
	g	Proposed NH-207 area - buffer	16915.86
	h	Existing NH-207 area	NA
		Total	
11	**WATER POLLUTION**		
	I		
	a.	Source of water	Devanahalli Industrial Area (Tertiary Treated Water) for Industrial requirement. Domestic water source is from Yetinahole Reservoir
	b.	Total Requirement of Water KLD	7341
	c.	Requirement of water for industrial purpose /production in KLD	4197
	d.	Requirement of water for Domestic purpose in KLD	604
	e.	Waste water generation in KLD	3901
	f.	CSTP & CETP capacity MLD	0.6MLD – CSTP & CETP – 5 MLD
	g.	Technology employed for Treatment	Domestic Wastewater is treated through CSTP (0.6 MLD), Industrial Wastewater is treated through CETP.
	h.	Scheme of disposal of excess treated water if any	NA
12	**AIRPOLLUTION**		
	a.	Sources of Air pollution	Stacks, Vehicular & DG Sets
	b.	Composition of Emissions	$PM_{10}/PM_{2.5}/SO_2/NOx$ & CO
	c.	Air pollution control measures proposed and Technology employed	1. Stack height and air pollution control equipment meeting MoEF&CC regulations. 2. Standardization of equipment and accessories (Engineering standards).
13	**NOISE POLLUTION**		
	a.	Sources of Noise pollution	1) pumps, generators, compressors, etc.

			2) stationary equipment such as pile drivers, jackhammers, pavement breakers etc
	b.	Expected levels of Noise pollution	
	c.	Noise pollution control measures proposed	- use quieter process/equipment, eliminate the noise at the source, block the noise from reaching recipient etc. - Install silencers/mufflers - Retrofit old equipment - Operate equipment as designed per manufacturer's instructions - Damp noisy equipment and parts § install sound-absorbing material or vibration isolation systems - Maintain equipment properly, replace worn, loose, or unbalanced machine parts that cause vibration and keep machine parts well lubricated to reduce friction adjust belts and valves, tighten bolts - Acoustically treated operator cabins on earth-moving equipment have noise levels of 75 dB or below -Noise barriers must be higher and wider than noise source to work effectively may be simple walls or curtains of acoustic materials ½-inch plywood can provide a 10dB noise reduction place close to noise source - A portable screen set up around a power pack reduced the noise level from 98 to 90 dB at 1 meter. --Include acoustic panels or baffles to walls/ceilings - Minimize leaks and openings e. g., cover joints with 1/8 -inch thick neoprene strip or duct tape • Isolating or enclosing noisy equipment with operator a caveat: This method will reduce noise levels outside the barrier, but may increase noise levels inside the barrier.
14	**WASTE MANAGEMENT**		
	Operational Phase		

Area	Quantity
Municipal	
Industrial	3.17
Commercial	0.07
Amenity	0.10
Total	**3.34**
Bio-Medical	
Medical Centre & Frist Aid box/Kits	0.11
Hazardous	
Hazardous Waste	0.87
Waste oil (Lts/Month)	878.4

			Used batteries (Annum)	439
			Recyclable Waste	1.756
15	**POWER**			
	a.	Total Power Requirement in the Operational Phase with source	8216 KW (8.2MW) - Electricity supplied by KIADB through BESCOM for construction & operation phase.	
	b.	Numbers of DG set and capacity in KVA for Stand by Power Supply.	DG sets: 1 x 100 kVA, 10 x 250 kVA & 19 x 500 kVA	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFFI, Incinerator etc..,	HSD	
16	**CER Activities:** Drinking water facility Training & Skill development programs Capacity building programs Development of Health care facilities Construction of Community hall Plantation in consultation with forest department.			
17	**EMP**		Capital cost: 24Cr Recurring cost: 2Cr	

The proposal was initially considered in 277th SEAC meeting. The proponent submitted an application under Sl. No. 7(c) of the schedule under EIA Notification 2006. The TOR was issued by MoEF&CC, GoI.on 10.11.2020 and the proponent submitted EIA Report on 05.02.2022. The committee had deferred the appraisal as the committee noticed that as per the Specific Condition No.(7) in the TOR issued from MoEF&CC, GoI no ground water should be used in any case and proponent is required to obtain permission from competent authority to use water from river or other surface water sources. The proponent replied that for meeting the drinking water requirement, groundwater from bore well shall be utilized after obtaining necessary approvals from CGWA. Further the committee informed the proponent to use only river or surface water, for which the proponent informed that he will come back after conducting Hydro Geological Survey in the proposed project site and in the study area.

In the present meeting the proponent had submitted the detailed Hydro Geological Survey for the proposed project at Naganayakanahalli, Muddenahalli, Haralur and Polanahalli villages, Devanahalli Taluk of Bangalore Rural District and assured the committee that no ground water would be used in the proposed project and for the proposed project 0.5TMC of water is allocated from Yettinahole project. The proponent informed that CETP of 5MLD Capacity would be established in the proposed project, in an area of 15Acres of land and 0.6MLD capacity of CSTPwould be established and had made provisions for 4000 nos of rain water recharge pits. KIADB to consider treating of nearby Muncipal water for non consumptive use in Industrial areas in the State, this will reduce their dependency on fresh water.

The committee informed the proponent to carry out plantation in coordination with forest department and to make provisions for rain water storage ponds for rainwater harvesting. for which the proponent agreed.

The public hearing was conducted on 08.11.2021 and the committee observedthe complaints received from public during public hearing. The proponent submitted point wise compliance to all the complaints and also other general issues raised by the public during public hearing. The committee informed the proponent to leave 15meter buffer all around the industrial area and each units to strictly achieve 33% green belt. The proponent should leave buffer for drains and water bodies as per norms.

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 for issue of EC with a condition to comply with the observations/request made by public during public hearing.

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

282.32 Grey Granite Quarry Project at Hunasihal Village, Yelaburga Taluk, Koppal District (2-26 Acres) by Sri Mahantesh Parappa Karadi - Online Proposal No.SIA/KA/MIN/230790/2021 (SEIAA 518 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mahantesh Parappa Karadi
2	Name & Location of the Project	Green Granite Quarry Project at Sy. No. 86/8 of Hunasihal Village, Yelaburga Taluk, Koppal District (2-26 Acres)

Corner Pillars	Latitude	Longitude
A	N15°36'39.0"	E76°12'06.0"
B	N15°36'39.7"	E76°12'10.9"
C	N15°36'36.2"	E76°12'09.5"
D	N15°36'37.0"	E76°12'06.2"

3	Type Of Mineral	Grey Granite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-26 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,334.2 Cum/ Annum (including waste) i.e 2,502.00Cum/ Annum (Grey Granite) 5,005.00 Cum/ Annum (Building Stone) 833.2 Cum/ Annum (Waste)
8	Project Cost (Rs. In Crores)	Rs. 0.41 Crores (Rs. 41 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,91,628 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2502.00 Cum/ Annum (Grey Granite) 5,005 Cum/ Annum (Building Stone)
11	**CER Activities:** Propose to provide Roof top Rain water Harvesting facility and water tank to nearby Govt. Higher Primary School, Hunasihal Village,	
12	EMP Budget	Rs. 12.99 Lakhs (Capital Cost) &2.70 Lakhs (Recurring cost)
13	Forest NOC	06.10.2020

14	Quarry plan	23.08.2021
15	Cluster certificate	25.08.2021
16	C & I Notification	14.03.2022
17	DTF	20.04.2021

The proposal was initially considered in 269th SEAC Meeting. wherein the committee had deferred the project appraisal for want of Forest NOC and C&I Notification. In the present meeting the proponent had Forest NoC and C&I Notification.

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 2-26 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 280 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 quarryas per IRC standard norms and 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 1.91,628 Cum (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 23 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,334.2 Cum/Annum (including waste).

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

282.33 Building Stone Quarry Project at Chirabi Village, Kottur Taluk, Vijayanagara District (3-38 Acres) by M/s. Varavi Malleshwara Stone Crusher & M-Sand- Online Proposal No.SIA/KA/MIN/270226/2022 (SEIAA 218 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Addressof the Projects Proponent	M/s. Varavi Malleshwara Stone Crusher & M-Sand Prop. Sri C. S. Bhaskar# Vasista, 9thCross, Sapthagiri Extention West,Opp. Secred Heart College, Somesarapuram Tumkur -572102
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 273/A/1B & 273/B of Chirabi Village, Kottur Taluk, Vijayanagara District (3-38 Acres)

		Points / Latitude / Longitude A 14° 48' 06.6" 78° 17' 53.4" B 14° 48' 11.0" 78° 17' 46.9" C 14° 48' 11.6" 78° 17' 49.0" D 14° 48' 13.9" 78° 17' 48.5" E 14° 48' 15.6" 78° 17' 49.6" F 14° 48' 12.0" 78° 17' 50.3" G 14° 48' 08.4" 78° 17' 51.5"
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	3-38 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,02,040Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	6,15,382Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000 Tons/ Annum
11	**CER Activities:** • To grow 250 on either side of the approach road near Quarry site at Chirabi village • To provide rain water harvesting pits to GHPS at Chirabii village • To providt Solar Power Panels in Government higher primary school at Chirabi village • To carry out rejuvenation of Murtinayakanahalli Pond • Garland drain along the approach road.	
12	EMP Budget	Rs. 22.30Lakhs (Capital Cost) &4.95Lakhs (Recurring cost)
13	Forest NOC	14.02.2022
14	Quarry plan	25.05.2022
15	Revenue NoC	29.12.2021
16	Cluster certificate	07.04.2022
17	Notification	04.04.2022

The proposal was initially considered in 280th SEAC Meeting, wherein the committee had deferred the project appraisal for want of cumulative pollution load considering the quarry area along with crusher unit and proposed mitigative measures for handling the same. In the present meeting the proponent had submitted cumulative pollution load by considering the crusher unit and mitigative measures.

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 3-38 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1400+4300 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 quarryand road connecting crusher as per IRC

standard norms and 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 6,15,382 Tons (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 1,02,040Tons/ Annum (including waste).

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

282.34 Extension of Budihal-Peerapur Lift Irrigation Scheme Project at Narayanapura Reservior, Near Siddapur Village, Muddebihal Taluk, Vijayapura District by Krishna Bhagya Jala Nigama Ltd. – Almatti - Online Proposal No.SIA/KA/RIV/76890/2019 (SEIAA 25 IND 2019)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Chief Engineer Krishna Bhagya Jala Nigam Ltd, O &M Zone, Narayanapur.
2	Name & Location of the Project	Extension of BudihalPeerapur Lift Irrigation Scheme, Near Siddapur Village, Muddebihal Taluk, Vijayapura District Karnataka.
3	Type of Project	The proposed scheme envisages lifting of 2.22 TMC of water from Krishna River Near Siddapur Village, Muddebihal Taluk, Vijayapura District and providing irrigation facility to 17,805 Ha of land belonging to 33 villages by providing Piped irrigation facility. Category - B of Schedule 1(c) of EIA Notification, 2006). Culturable command area is having 17,805 Ha. The project falls under category B1 as per the amendment to EIA Notification dt: 20th April 2022.
a.	Quantity of water proposed to be lifted	2.22 TMC
b.	Source of water	Krishna River
4	New/ Expansion/ Modification/ Renewal	New
5	Command area	17850 Ha
6	Benefitted villages	33 Villages
7	Irrigation Type	Piped Irrigation
8	Land requirement	68.62 Ha
9	Project Cost (Rs. In Crores)	Rs. 697.50Crores

Sl. No		PARTICULARS	INFORMATION
10		WATER	
	I.	Construction Phase	
	a.	Source of water	Private water tankers
	b.	Quantity of water for Construction in KLD	-
	c.	Quantity of water for Domestic Purpose in KLD	7.5
	d.	Waste water generation in KLD	7.5
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	2.22TMC
	b.	Source of water	Krishna River
11		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	45 Kg/day of solid waste will be generated from labour camps during construction phase
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	-
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	-
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	-
	d.	Quantity of E waste generation and mode of Disposal as per norms	-
12		POWER	
	a.	Total Power Requirement - Operational Phase	6.5 MW, Source: HESCOM
13		Forest land requirement	Nil
14		Reserve Forest within the study area (10 Km radius)	Tangarbal Reserve Forest-6.10 Km. towards North east direction from the lift point
15		Details of Protected area within 10 km radius from the project site	Nil
16		Protected areas outside 10 km Radius	Yadahalli Chinkara WLS boundary: 74.69 Km and Yadahalli Chinkara WLS ESZ boundary: 74.13 Km
17		CER Activities Proposed	-
18		Date and venue of Environmental Public Consultation	Environmental Public Hearing conducted on 14.09.2021 at "Veereshwara Convention Hall" at Veereshnagara (Siddapura) Village, Muddebihal

Sl. No	PARTICULARS	INFORMATION
		Taluk, Vijayapura District and on 21.03.2022 at "NammuraSarkaariHiriyaPrathamikaShaale", Boodihal Village, Hunasagi Taluk, Yadgir District.
19	EMP • Construction phase • Operation Phase	The total amount estimated for implementation of Environmental Management Plan (EMP) for construction phase is 75.06 Crores (Capital Cost) and operation phase is 0.69 Crores (Capital Cost) along with a recurring cost of 6.14 Crores during Operation Phase.

The proposal is for Lift Irrigation Scheme by Irrigation Department GoK. On 16.09.2019 SEIAA had issued ToR and on 09.07.2021 a corrigendum was issued to ToR and Public Hearing was conducted on 21.03.2022 in Hunasagi Taluk of Yadgir District and on 19.04.2021 in Muddebihal Taluk of Vijayapura District.

The proponent informed the committee that the proposal is a piped method of lift irrigation for lifting 2.22TMC of water from Krishna River and irrigating a command area of 17,805 Ha, covering 33 Villages, within the state of Karnataka, with no interstate issues. The proposal involves a land area of 68.62 Ha for construction of intake canal, jack well cum pump house, raising main, delivery chamber and distribution network. The proposed lift irrigation involves for lifting water in Reach 1 for a length of 29,483.48 mtrs and Reach 2 for a length of 23,672.74 mtrs in 1350 mm dia pipe and 900 mm dia pipes respectively.

The committee during appraisal sought clarification for details of forest land involved for the proposed project, details of R&R plan and details of excavated earth management. The proponent informed the committee that there is no forest area involved and no protected areas or ecologically sensitive areas and hence no clearances required were from forest department and for R&R, the proponent informed that the proposed project does not involve R&R activities as the project does not involve diversion/submergence of land. For excavated soil management, proponent informed that out of the total 81.697cum of excavated earth, 16,339.5cum would be used for formation of embankment, 16,339.5 cum for filling trenches, 24.509cum would be used for service road/inspection path formation, 16,339.5cum would be used in land levelling and 8,169.5cum would be used in construction of cross drain works. Further the committee informed the proponent to asphalt the service roads as per standards and to increase plantation along the same and to see that no water intensive crops are grown against the cropping pattern as per command area consideration and also informed the proponent to follow warabandi system for rotation of supply of water to be followed, for which the proponent agreed.

The proponent also submitted the list of Agro forestry species by involving local farmers, horticulture and Forest Dept. Officials and informed about the measures to taken to prevent salinity/alkalinity of soil in the regions proposed to be irrigated.

The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition that land to be acquired for the proposed project should be as per the provisions of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.

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

282.35 Iron Ore Mine Project at Dharmapura Reserve Forest of Ramgad Village, Sandur Taluk, Bellary District (43.58 Ha) by M/s. JSW Steel Limited - Online Proposal No.SIA/KA/MIN/55913/2020 (SEIAA 411 MIN 2020)

About the project:

SI.NO	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. JSW Steel Limited JSW Mining Office, Near Talur Cross, Toranagallu, Sandur Taluk, Ballari District, Karnataka.
2	Name & Location of the Project	"Dharma Iron Ore Mine"ML No. 0013; ML area 43.58 Ha., at Ramnamalai Reserve Forest, Ramgad Village, Sandur Taluka, Ballari District Karnataka State
3	Co-ordinates	N $15^0$08'21.89" to N $15^0$08'52.88" E $76^0$27'12.47" to E $76^0$27'11.08"
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	43.58 Ha
8	Annual production (metric ton /Cum) per annum	0.18 MTPA
9	Project Cost (Rs. In Crores)	Rs 34.58
10	Proved quantity of mine/quarry-Cu.m/Tons	1.90156 Millions Tons
11	Permitted quantity per annum-Cu.m/Ton	0.18 MTPA
12	Approach Road	7Kms from mining lease to Main RoadSH 49
13	Five years plan period	Area – 20.62 Ha (Area Under Mining) Top RL- 872mRL Bottom RL – 806mRL
14	Conceptual stage	Area – 23.24 Ha (Area Under Mining) Top RL 960mRL Bottom RL 775mRL
15	CER Activities: ➢ Water Tanker for providing Drinking Water & Dust control in nearby villages ➢ Nursery Development to protect the native medicinal plants: Infrastructure, maintenance & capacity building of the local farmers ➢ Use of Solar Wifi trolley within the mine for renewable energy ➢ Occupational Health & Safety Measures ➢ Forest fire prevention works ➢ Providing solar street lights in Ramgad Village	
16	EMP Budget (including CER Activities) is 170 Lakhs	

S.No.	Particulars
1.	Fugitive Dust control measures: Water sprinkling
2.	Fire Line making & unskilled labor cost (Payment to Forest Department)for

		adjoining forested area	
	3.	Green belt/ Afforestation development	
	4.	SwachhtaPakhwada& awareness	
	5.	Environment Monitoring	
	6.	Maintenance of R & R structures	
	7.	Solar Wifi trolley (maintenance)	
	8.	Occupational Health Safety & Measures (Drinking water facilities. Sanitation)	
	9.	Land Use & Land pattern study	
	10.	Wildlife Management Plan & Implementation	
	11.	Soil Moisture Conservation Plan & Implementation	
	12.	Ground water study	
17	Forest NOC		30.01.1997
18	CCR		11.10.2021
19	Earlier E.C by MoEF&CC & Date		J-11015/79/2004-IA.II(M) dated 11.04.2005
20	CFO		Valid up to 30.07.2022
21	Forest Clearance Date		30.01.1997
22	IMB Approval Date		08.01.2020
23	R&R Plan Date		28.05.2014

The proposal is for EC for Iron Ore Mine of JSW. ToR was issued by SEIAA on 09.08.2021 for0.18MTPA. 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 on 30.07.2020 lease was granted with ML No. 0031. 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.Zeenath Transport Company (ML no. 2239) 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 Zeenath Transport Company (ML no. 2239)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 11.04.2005to M/s Zeenath Transport Company, 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 expiryor 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 0.18MTPA iron ore production in a total area of 43.58Ha.The proponent has submitted certified compliance to the earlier E.C. conditions from Regional Office, MoEF&CC on 11.10.2021, in favor of M/s JSW Steel Limited, which is rated satisfactory.

Public hearing was conducted on 19.04.2022. The committee reviewed 26 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 would 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. The committee further informed the proponent toconstruct dust shelter within the mine area and carry out periodical de-silting of settling tank and to stabilize the dump and also to carry out afforestation, for which the proponent agreed to comply with.

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 0.18 MTPA as per the approved Mining plan, the committee estimated the life of the mine to be 11yearsand decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 0.18 MTPA with a 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 with regards to issues raised in the public hearing.

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

282.36 Sattva Residential Row Houses Project at Hoodi, Byrathi Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s.Sattva Real Estate Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/282420/2022 (SEIAA 96 CON 2022)

About the project:

Sl. No.		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. Sattva Real Estate Private Limited Salarpuria Sattva Group, 4thFloor, Salarpuria Windsor, No. 3, Ulsoor Road, Bengaluru
2		Name & Location of the Project	Sattva Residential Row Houses, Khata No.643/Byrathi/Sy No-143, (Old Survey No. 28 Block III), Ward No. 54 - Hoodi, Byrathi Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Row Houses Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Not in the Vicinity of project site
6		Plot Area (Sqm)	12,140.46Sq.m (3Acres)
7		Built Up area (Sqm)	24,002.68Sq.m

8	FAR • Permissible • Proposed	 1.75 1.27
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A to Block G – 1 Basement Floor + Ground Floor + 2 Upper Floors Clubhouse – 1 Basement + Ground Floor + 2 Upper Floors
10	Number of units/plots in case of Construction/ Residential Township/ Area Development Projects	55 Row Houses (4BHK)
11	Height Clearance	Building Height - 10.35m. Low rise structure
12	Project Cost (Rs. In Crores)	109.21 Crores
13	Disposal of Demolition waster and or Excavated earth	It is estimated that about 21,112cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 6,070cum shall be stored and used for landscaping. About 9,215cum of excavated soil will be used for leveling for construction of internal roads. About 4080cum will be used for backfilling and remaining 1,747cum shall be used for manufacturing soil stabilized cement blocks which will used within the project for construction of non-load bearing walls, compound walls, curbstone, pavers, etc.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	5,910.30Sq.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	3,266Sq.m
d.	Internal Roads	2,964.16Sq.m
e.	Paved area	
f.	Others Specify	Nil
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	Total	12,140.46Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site
b.	Quantity of water for Construction in KLD	10KLD
c.	Quantity of water for Domestic Purpose in KLD	20KLD
d.	Waste water generation in KLD	17KLD
e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP
II.	Operational Phase	

	a.	Total Requirement of Water in KLD	Fresh	39KLD
			Recycled	19KLD
			Total	58KLD
	b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	46KLD	
	d.	STP capacity	52KLD STP	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping, etc.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	175cum	
	b.	No's of Ground water recharge pits	16 Nos.	
17		Storm water management plan	Garland drains with 16 recharge pits are proposed.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kg/day of solid waste shall be disposed through BBMP waste management contractors	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	62kg/day Organic Waste Converter	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	92kg/day Local Authorized Recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	500 kg/annum Authorized Agencies	
	d.	Quantity of E waste generation and mode of Disposal as per norms	20 kg/annum Authorized Agencies	
19		POWER		
	a.	Total Power Requirement - Operational Phase	750KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380KVA X 1No.	
	c.	Details of Fuel used for DG Set	Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 50ppm	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total Savings – 32.4%	
20		PARKING		
	a.	Parking Requirement as per norms	135 ECS	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NagareshwaraNagenahalliMain Road – A HennurMain Road – C	
	c.	Internal Road width (RoW)	4.5m	
21		CER Activities Proposed	1.Jobs for local people during construction and operation phase.	

		2.Free Medical check-up camps will be held for local villagers (Kothanur & Byrathi Village). 3.Signage on roads (Nagareshwara – Nagenahalli Road, Hennur – Bagalur Main Road and Thanisandra Main Road) to avoid accidents. 4.Providing Skill Development facilities for local villagers. 5.Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. along Nagareshwara – Nagenahalli Road. 6.Plantation in community areas (Kothanur & Byrathi Villages).
22	EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 50 Lakhs Recurring Cost – 5 Lakhs/ Annum During Operation Phase: Capital Investment – 147.8 Lakhs Recurring Cost – 15 Lakhs/ Annum

The proposal is for construction of residential villas in an area earmarked for traffic and transportation use as per RMP of BDA, for which the proponent informed that they had obtained change of land use to residential by DC on 10.01.2022.

The committee during appraisal sought clarification for provisions for harvesting rain water in the proposed area. The proponent informed the committee that for harvesting rain water, the proponent has proposed 175cum capacity for runoff from rooftop, runoff from landscape and paved areas in addition to 16nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that 20 trees would be removed and 40 trees would be retained, with total provisions to grow 394 trees in the proposed project area and would 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.

282.37 Residential Villas and a Club House Project at Kottigethimmanahalli Village, Kundana Hobli, Devanahalli Taluk, Bengaluru Rural District by M/s. Village De Nandi Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/281051/2022 (SEIAA 95 CON 2022)

About the project:

Sl. No.		

		PARTICULARS	INFORMATION
1.		Name & Address of the Project Proponent	Mr. Zaid Sadiq, Authorized Signatory M/s. Village-De-Nandi Private Limited. "Prestige Falcon Towers",No. 19, Brunton Road, Bengaluru – 560 025
2.		Name & Location of the Project	Proposed Residential Villas and a Club House Project– "Prestige Sanctuary", Sy. Nos. 9/1, 10, 11, 12 & 3(Part),Kottigethimmanahalli Village, Kundana Hobli, Devanahalli Taluk, Bengaluru Rural District - 562 110.
3.		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Villas and a club house Category 8(a) as per EIA Notification
	b.	Residential Township/ Area Development Projects	NA
4.		New/~~Expansion/ Modification/ Renewal~~	New
5.		Water Bodies/ Nalas in the vicinity of project site	Primary drain in North East Tertiary drain in Center of the plot Karahalli Amani Lake is at a distance of 194 m from the project boundary.
6.		Plot Area (Sqm)	92,502.329Sqm
7.		Built Up area (Sqm)	46,020.388 Sqm
8.		FAR • Permissible • Proposed	2.50 0.396
9.		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Villa type A - GF+1UF, Villa type B & C - GF+2UF club house BF+GF+2UF.
10.		Number of units/plots in case of Construction/Residential Township/Area Development Projects	85 Villas
11.		Height Clearance	As per CCZM, the permissible height is 119 m AMSL and the height achieved for our proposed building is 15.0 m.
12.		Project Cost (Rs. In Crores)	Rs. 127.70Crores
13.		Disposal of Demolition waste and or Excavated earth	Demolition debris of quantity 350 cum will be used for internal road/driveway formation. Total Excavated earth quantity –5960m^3 For Backfilling – 2384m^3 For Landscaping – 2086m^3 For internal driveway &hardscape– 1,490 m^3
14.		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	22,746.179Sqm
	b.	Kharab Land	(Foot Kharab – 629.789 Sqm & Nala Kharab Area –

			2304.142 Sqm are not included in the site area, but it is shown in the site plan)	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	36,791.002 Sqm	
	d.	Internal Roads	12,374.455 Sqm - Internal driveway &pathway area 11,257.409 Sqm - Road widening area 4,625.305 Sqm -Visitor's parking area 82.50 Sqm - Services area	
	e.	Paved area		
	f.	Others Specify	CA Area - 4,625.479 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	92,502.329 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 landscaping/dust suppression within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	107KLD
			Recycled	32KLD
			Total	139KLD
	b.	Source of water	KarahalliGram Panchayath	
	c.	Wastewater generation in KLD	125KLD	
	d.	STP capacity	STP Capacity – 130KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	--	
16.		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	$270m^3$	
	b.	No's of Ground water recharge pits	39Nos.	
17.		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain.	

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 - 46 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	139 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	208 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: 0.243 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	1013.33 kVA			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 kVA - 2 Nos.			
c.	Details of Fuel used for DG Set	104.76l/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 power, solar water heaters, LED,5 star rated AC units, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 21 %			
20.	PARKING				
a.	Parking Requirement as per norms	115 ECS			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Changed after road widening	
		Nandhi Hills Road - SH-104 (2 lanes undivided)	0.14 A	0.06 A	
c.	Internal Road width (RoW)	20.00 m wide road.			
21.	CER Activities	Development of walkway & provision of solar lights to Karahalli Amani Lake			
22.	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 7.62 Lakhs Construction – 43.0 Lakhs During Operation: Capital investment – 125.50Lakhs Operation Investment – 28.5 Lakhs/annum			

The proposal was appraised on 28th July 2022. The proposal is for construction of residential apartments in an area earmarked for agricultural use as per BIAAPA regulations, for which the proponent informed that he has obtained conversion of land from DC to residential purpose.

The committee during appraisal sought clarification for drains and foot kharab, drains as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that foot kharab would be retained as it is and free public access would be given and for the primary drain in eastern side, 9mtr buffer from the edge of the drain is proposed and for tertiary drain in center (north-south direction), 3mtr buffer from the edge is proposed. The proponent further informed that an area of 11,257.409sqm is left for road widening. For harvesting rain water, the proponent has proposed 270cum capacity for runoff from rooftop, landscape and paved areas in addition to 39nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area, for which the proponent agreed.

The proponent informed that 45 trees would be removed and 125 trees would be retained, with provision to grow 1166 trees in the proposed project area and would provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to leave free public access in kharab area and to obtain necessary permissions from concerned authorities to construct culvert/bridge on drains.

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

282.38 Residential Apartment Building Project at Kodigehalli Village, Krishnarjapur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Balaji Ventures - Online Proposal No.SIA/KA/MIS/280652/2022 (SEIAA 92 CON 2022)

About the project:

Sl. No.		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Sri Krishnappa M, Partner, M/s. Sri Balaji Ventures Having its office at Sy. No. 4/1, Kodigehalli Main Road, Kodigehalli, K.R Puram,Bangalore – 560 036.
2		Name & Location of the Project	Residential Apartment Building by M/s.Balaji Ventures at Sy. Nos. 44/3 & 46/1 of Kodigehalli Village, Krishnarjapur Hobli, Bangalore East Taluk, Bangalore Urban District.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Apartment
	b.	Residential Township/ Area Development Projects	No

4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Sadaramangala lake – 0.29 kms (SE) tertiary drain in south west
6	Plot Area (Sqm)	19,482.00 sq.m
7	Built Up area (Sqm)	63,230 sq.m.
8	FAR • Permissible • Proposed	 3.25 2.48
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 wings: Basement + Ground Floor + 4 Upper Floors + Terrace Floor club house : Basement + Ground Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	450 units
11	Height Clearance in meters above sea level	Low rise structure max height of 14.90mtr
12	Project Cost (Rs. In Crores)	Rs. 126 Cr
13	Disposal of Demolition waster and or Excavated earth	Details / Quantity in m^3 Quantity of excavated soil: 1,16,800.00 Excavated earth disposal details Back filling for footings: 58,400.00 Site filling required: 19,855.68 Back filling for retaining wall: 32,893.09 Top soil for Landscaping: 3,837.49 Filling for internal roads: 1,813.74 Total: 1,16,800.00 Demolition waste of shed: Floor area : 42 sq.m Width of the shed : 0.5m Height of the shed: 2 m Volume of demolition waste: 42x 0.5 + 2*0.5*5m*4sides = 21 + 20 = 41 cu.m Handling of waste: Orderly deconstruction is the proper measure for reuse of the demolished matter. In contrast to demolition, where buildings will be knocked down and materials will be recycled, deconstruction will involve carefully taking apart portions of buildings and removing their contents with the primary goal being reuse. It will be as simple as stripping out cabinetry, fixtures, and windows, and manually taking apart the building frame.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	9,164.16 sq.m (48.00 %)
b.	Kharab Land	Nil
c.	Total Green belt on Mother Earth for projects under 8(a) of the	6,300.36 sq.m (33.00%)

		schedule of the EIA notification, 2006		
	d.	Internal Roads	3,627.48 Sq.m (19.00%)	
	e.	Paved area	-	
	f.	Others Specify	-	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	19,092.00 sq.m.	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	From Nearby treated water suppliers	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
	d.	Waste water generation in KLD	8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	94.03
			Recycled	101.25+118.60
			Total	313.88
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	298.18 KLD	
	d.	STP capacity	350 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	495cum	
	b.	No's of Ground water recharge pits	19 Nos.	
17		Storm water management plan	The storm water from the site will be collected by in an tank of 174cum capacity and excess be used for recharging the ground water through 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	540 kg/day. Biodegradable waste will be converted in	

		generation and mode of Disposal as per norms	organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	360 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	2000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 1000 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	495ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH 75 road –LOS – B
	c.	Internal Road width (RoW)	5.00m
21		CER Activities	Year: Corporate Environmental Responsibility (CER) 1st: Rain Water Harvesting in GLPS at Kodigehalli 2nd: Avenue planation and planation in GLPS at Kodigehalli 3rd: Solar Panels Provision in GLPS at Kodigehalli 4th: Health camp in GLPS at Kodigehalli 5th:
22		EMP • Construction phase • Operation Phase	EMP (Construction & Operation) Operation Phase: Recurring Cost Per Annum = 52.2 lakhs; Capital Cost = 215.0 lakhs Construction Phase: Recurring Cost Per Annum = 15.75 lakhs; Capital Cost = 53.49 lakhs

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, drains as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that foot kharab is rerouted as per DC order dated 23.12.2021 and there would be free public access in the rerouted side and for the tertiary drain in south west side, 15mtr buffer from the center of the drain is proposed. For harvesting rain water, the proponent has proposed 495 cum capacity for runoff from rooftop and an

additional tank of 174cum capacity for runoff from landscape and paved areas in addition to 19nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area. for which the proponent agreed.

The proponent informed that they have made provisions to grow 238 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 with a condition to leave free public access in kharab.

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

282.39 Building Stone Quarry Project at Kurnadu village, Bantwala Taluk, Dakshina Kannada District (1-20 Acres) by M/s. Shri Ganesh Industries - Online Proposal No.SIA/KA/MIN/280352/2022 (SEIAA 300 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Shri Ganesh Industries
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 149/4, 149/5 & 149/7 of Kurnadu village, Bantwala Taluk, Dakshina Kannada District (1-20 Acres) Corner Pillar / Latitude / Longitude BP-A / N 12° 48'31.33" / E 74° 58'14.84" BP-B / N 12° 48'31.65" / E 74° 58'16.83" BP-C / N 12° 48'29.32" / E 74° 58'18.23" BP-D / N 12° 48'28.36" / E 74° 58'17.17"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	40,816 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	3,48,543 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000 Tons/ Annum

11	**CER Activities:** To grow 200 No. of additional plantation on either side of the approach road from quarry location to Kurnadu Village Road	
12	EMP Budget	Rs. 13.40 Lakhs (Capital Cost) &3.32 Lakhs (Recurring cost)
13	Forest NOC	18.01.2021
14	Quarry plan	10.06.2022
15	Cluster certificate	10.06.2022
16	Revenue NOC	21.12.2021
17	Notification	30.04.2022

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 11-20 Acres and hence the project is categorized as B2

There is an existing cart track road to a length of 350 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 and road connecting crusher as per IRC standard norms and 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 3,48,543 Tons (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 40,816 Tons/ Annum (including waste).

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

282.40 Building Stone Quarry Project at Ira Village, Bantwala Taluk, Dakshina Kannada District (2-00 Acres) by Sri Krishna Industries - Online Proposal No.SIA/KA/MIN/280663/2022 (SEIAA 304 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Krishna Industries
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 294/1CP1 & 294/2P1 of Ira Village, Bantwala Taluk, Dakshina Kannada District (2-00 Acres)

Corner Pillar	Latitude	Longitude
BP-A	N 12° 48' 15.30"	E 74° 58' 52.28"
BP-B	N 12° 48' 16.64"	E 74° 58' 54.52"
BP-C	N 12° 48' 13.88"	E 74° 58' 55.75"
BP-D	N 12° 48' 12.02"	E 74° 58' 53.55"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	81,633 Tons/ 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	4,73,253 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m or Ton	80,000 Tons/ Annum
11	**CER Activities:** To grow 250 No. of additional plantation on either side of the approach road from quarry location to Ira Village Road	
12	EMP Budget	Rs. 13.55 Lakhs (Capital Cost) & 3.35 Lakhs (Recurring cost)
13	Forest NOC	18.01.2021
14	Quarry plan	09.06.2022
15	Cluster certificate	08.06.2022
16	Revenue NOC	15.02.2022
17	Notification	30.04.2022

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 including the present lease is 3-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 230 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 and road connecting crusher as per IRC standard norms and should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

The committee with reference to the proposed site condition informed the proponent to implement additional safety measures and to carry out controlled blasting, 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 4,73,253 Tons (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 81,633 Tons/ Annum (including waste).

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

282.41 Building Stone (M-Sand) Quarry Project at Sulthanpur Village, Koppal Taluk & District (1-30 Acres) by Sri Hanumanthappa H Arasanakeri - Online Proposal No.SIA/KA/MIN/279797/2022 (SEIAA 294 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Hanumanthappa H Arasanakeri
2	Name & Location of the Project	Building Stone(M-Sand) Quarry Project at Sy.No.4/1 (P) in Sulthanpur Village, Koppal Taluk & District (1-30 Acres) Corner Pillar / Latitude / Longitude A / N 15° 22' 44.0" / E 75° 19' 51.2" B / N 15° 22' 43.7" / E 75° 19' 55.0" C / N 15° 22' 45.7" / E 75° 19' 55.7" D / N 15° 22' 46.0" / E 75° 19' 51.8"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-30 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	Building stone of 35,714 Tons/ Annum (including waste) and Murrum of 18,900tons for first year
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	3,26,173 Tons (including waste) building stone
10	Permitted Quantity Per Annum - Cu.m / Ton	35.000Tons/ Annum of building stoneand Murrum of 18,900 tons for first year
11	**CER Activities:** Propose take up 150 No. of additional plantation on either side of the approach road from quarry location to Sulthanpur Road	
12	EMP Budget	Rs. 15 Lakhs (Capital Cost) & 3.48 Lakhs (Recurring cost)
13	Forest NOC	21.12.2021
14	Quarry plan	27.05.2022
15	Cluster certificate	10.06.2022
16	Revenue NOC	24.11.2021
17	Notification	12.05.2022
18	DTF	27.01.2022

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 8-15 Acres 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 and road connecting crusher as per IRC

standard norms and 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 3,26,173 Tons (including waste) as per the approved quarry plan. the committee estimated the life of the mine as 10 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 35,714 Tons/ Annum (including waste) and murrum of 18,900tons for first year.

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

282.42 Pink Granite Quarry Project at Sy.Nos.5/2, 5/6 & 4/7 of Bommanahal Village, Lingasugur Taluk, Raichur District (4-00 Acres) by Sri Mahantesh S Muttur - Online Proposal No.SIA/KA/MIN/277748/2022 (SEIAA 284 MIN 2022)

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

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

282.43 Building Stone Quarry Project at Sattigerivillage in Savadatti Taluk, Belagavi District (3-20 Acres) by Sri Sanjay S Angadi - Online Proposal No.SIA/KA/MIN/280023/2022 (SEIAA 314 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Sanjay S Angadi
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 625/7C (625/14) (P) of Sattigerivillage in Savadatti Taluk, Belagavi District (3-20 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	3-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	45,918 Tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry-	11,62,394 Tons (including waste)

Corner Pillar	Latitude	Longitude
BP-A	N 16° 01'42.3839"	E 75° 01'28.3819"
BP-B	N 16° 01'37.7181"	E 75° 01'29.7349"
BP-C	N 16° 01'31.1763"	E 75° 01'26.3966"
BP-D	N 16° 01'42.1736"	E 75° 01'25.6893"

	Cu.m / Ton	
10	Permitted Quantity Per Annum - Cu.m / Ton	45,000 Tons/Annum
11	**CER Activities:** Propose take up 3500 No. of additional plantation on either side of the approach road from quarry location to SattigeriVillage Road.	
12	EMP Budget	Rs. 16.15 Lakhs (Capital Cost) &4.35 Lakhs (Recurring cost)
13	Forest NOC	22.11.2018
14	Quarry plan	14.06.2022
15	Cluster certificate	14.06.2022
16	Revenue NOC	29.04.2018
17	Notification	18.02.2022

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 including the present lease is 8-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1800 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 and road connecting crusher as per IRC standard norms and 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 11,62,394 Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 25 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 45,918 Tons/ Annum (including waste).

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

282.44 Expansion of Building Stone Quarry Project at Sy. No. 39 of Motakadahalli Village, Hosakote Taluk, Bangalore Rural District (3-20 Acres) by M/s. Vishwa Vinayaka Build-Tech - Online Proposal No.SIA/KA/MIN/236492/2021 (SEIAA 592 MIN 2021)

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

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

282.45 Expansion of Building Stone Quarry Project at Sy. No. 23 of Chokkasandra Village, Hosakote Taluk, Bangalore rural (1-18 Acres) by M/s. Vishwa Vinayaka Build-Tech - Online Proposal No.SIA/KA/MIN/236963/2021 (SEIAA 595 MIN 2021)

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

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

282.46 Expansion of Building Stone Quarry Project at Sy. No. 39 of Motakadahalli Village, Hosakote Taluk, Bangalore Rural District (1-20 Acres) by M/s. Vishwa Vinayaka Build-Tech - Online Proposal No.SIA/KA/MIN/237074/2021 (SEIAA 596 MIN 2021)

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

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

282.47 Expansion of Building Stone Quarry Project at Sy. No. 39 of Motakadahalli Village, Hosakote Taluk, Bangalore Rural District (7-00 Acres) by M/s. Vishwa Vinayaka Build-Tech - Online Proposal No.SIA/KA/MIN/237104/2021 (SEIAA 597 MIN 2021)

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

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

282.48 Building Stone Quarry Project at Thammanayakanahalli Village, Anekal Taluk & Bangalore Urban District (7-10 Acres) (vide QL No. 843) by M/s. Sri Manjunatha M-Sand - Online Proposal No.SIA/KA/MIN/280864/2022 (SEIAA 312 MIN 2022) , Expansion.

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>M/s. Sri Manjunatha M-Sand</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 23 of Thammanayakanahalli Village, Anekal Taluk & Bangalore Urban District (7-10 Acres) (vide QL No. 843)
<table>
<tr><th>Boundry Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 12° 41.345'</td><td>E 77° 39.095'</td></tr>
<tr><td>B</td><td>N 12° 41.304'</td><td>E 77° 39.093'</td></tr>
<tr><td>C</td><td>N 12° 41.306'</td><td>E 77° 39.041'</td></tr>
<tr><td>D</td><td>N 12° 41.229'</td><td>E 77° 39.025'</td></tr>
<tr><td>E</td><td>N 12° 41.246'</td><td>E 77° 38.968'</td></tr>
<tr><td>F</td><td>N 12° 41.300'</td><td>E 77° 38.979'</td></tr>
<tr><td>G</td><td>N 12° 41.300'</td><td>E 77° 38.997'</td></tr>
<tr><td>H</td><td>N 12° 41.356'</td><td>E 77° 38.996'</td></tr>
</table></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>
</table>

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Gomal
6	Area in Acres	7-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,80,691 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.60 Crores (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	19,92,660 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m or Ton	2,75,077 Tons/ Annum
11	**CER Activities:** To grow700 No. of additional plantation on either side of the approach road from quarry location to Thammanayakanahalli Village Road and to provide infrastructure facilities to near by Govt. School	
12	EMP Budget	Rs. 22.55 Lakhs (Capital Cost) &6.75 Lakhs (Recurring cost)
13	Forest NOC	16.02.2022
14	Quarry plan	13.06.2022
15	Cluster certificate	16.05.2022
16	Audit Report	11.05.2022
17	Notification	16.02.2022

The proposal is for expansion, for which EC was issued earlier by DEIAA on 23.09.2017 and the lease was granted on 30.03.2022.The proponent submitted audit report of 2021-22 certified by DMG dated 11.05.2022 and informed the committee that no mining was carried out till date.

As per the cluster sketch there are 10 leases including the present lease within 500 meter radius from this lease out of which 08 leases are exempted from cluster as the leaseswere granted prior to 09/09/2013 and the total area of the remaining leases including the present lease is 11-30 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1300 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 and the road connecting to the crusher as per IRC standard norms and 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 19,92,660 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 2,80,691 Tons/ Annum (including waste).

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

282.49 Shahabad Stone Quarry Project at Ranjol Village, Sedam Taluk, Kalaburagi District (2-36 Acres) by Sri Abdul Rasheed S/o Abdul Raheman - Online Proposal No.SIA/KA/MIN/282392/2022 (SEIAA 323 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 Abdul Rasheed S/o Abdul Raheman</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Shahabad Stone Quarry Project at Sy. Nos. 8/2 & 8/3 of Ranjol Village, Sedam Taluk, Kalaburagi District (2-36 Acres)
GPS READING OF CORNER PILLARS
BP-A N17°05' 13.6" E77°17' 53.8"
BP-B N17°05' 13.8" E77°17' 51.9"
BP-C N17°05' 09.5" E77°17' 51.2"
BP-D N17°05' 08.6" E77°17' 54.8"</td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Shahabad Stone Quarry</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>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-36 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>5,485.32 Cum/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs.1.15 Crores (Rs. 115 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,02,000 Cum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>3,291 Cum/ Annum</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:To construct additional room to nearby Govt School
1st: Providing solar power panels to common public places to the GHPS school at Ranjol village.
2nd: Scientific support and awareness to local farmers to increase yield of crop and fodder
3rd: Rain water harvesting pits to the GHPS school at Ranjol village.
4th: Conducting E-waste drive campaigns at Ranjol village.
5th: Health camp in GHPS school at Ranjol Village</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 35.64 Lakhs (Capital Cost) &5.98 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>17.11.2020</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>28.06.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>01.07.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>25.02.2019</td></tr>
<tr><td>17</td><td>Notification</td><td>18.06.2022</td></tr>
</table>

As per the cluster sketch there is no other lease within 500 meter radius from the present lease and the total area of the present lease is 2-36 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 610 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 committee with reference to the near by village informed the proponent to implement additional plantation and dust mitigation measures, 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 1,02,000 Cum (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 5,485.32 Cum/ Annum (including waste).

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

282.50 Batakurki Building Stone Quarry Project at Sy.No.401/1,401/2,401/5,401/3 of Batakurki Village,Ramadurga Tq, Belgaum District (11-10 Acres) by Smt. Shaila Vivek Kakareddi - Online Proposal No.SIA/KA/MIN/79167/2022 (SEIAA 328 MIN 2022)

The lease area is 11-10 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1. The lease was notified on 22.06.2022& quarry plan approved on 13.07.2022.

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

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be detailed 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. Improvements 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.
7. Forest NoC with Annexures.

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

282.51 Building Stone Quarry Project at Sy.No.24 in Bannangadi Village, Pandavapura Taluk, Mandya District (3-30 Acres) by Sri L. Jagannath - Online Proposal No.SIA/KA/MIN/80898/2022 (SEIAA 329 MIN 2022)

The lease area is 3-30 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1. The lease was notified on 19.02.2018& quarry plan approved on 23.02.2018.

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

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be detailed 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. Improvements 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.
7. Forest NoC with Annexures.
8. NoC for proposed blasting from concerned authority.

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

282.52 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)

About the project:

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr.Shivaraj Rudrashetty Patil, (Chairman & Managing Director) Address: A/p #1124/17A, Opp. V. G. Women's College, Aiwan-E-Shahi, Kalaburagi-585102, Karnataka
2	Name & Location of the Project	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, Taluka and District Kalaburagi, Karnataka, by King Rudra Sugars Limited.
3	Co-ordinates of the Project Site	Longitude 76°58'6.79"E Latitude 17°30'39.37"N
4	Type of Development as per schedule of EIA Notification, 2006 with relevant serial	The project falls under schedule 5(g) and 5(j) and Category-B1 of the EIA Notification 2006.

	number				
5	New/ Expansion/ Modification/ Product mix change	New			
6	Environment Sensitivity	Location:	Latitude: 17°30'39.37"N Longitude: 76°58'6.79"E		
		Nearest Village:	Holkunda	: 2 km in NE	
		Nearest town / City:	Kalaburagi	: 25 km in SW	
		Nearest National Highway:	NH 218 (Hubballi to Vijapura):	: 3 Km in NW	
		Nearest Railway Station:	a. Kalaburagi	: 26 km in SW	
			b. Mahagaon	: 05 km in W	
		Nearest Airport:	Kalaburagi	: 24 km in SSW	
		Nearest Water Body:	Bennithora Reservoir	: 4 km in S	
		Seismicity:	Seismic Zone III		
7	Plot Area (Acre)	43.88 Acres (17.7599 Ha)			
8	Built Up area (Sqm)	Proposed built up area for sugar , co-gen and distillery unit along with ETP/STP of 25000 m^2			
9	Component of developments	NA			
10	Project cost (Rs. In crores)	150 Crores			
11	Details of Land Use (Acre)				
	a.	Ground Coverage Area	4.32 Acres (17500 sq. m)		
	b.	Internal Road	2.47 Acres(10000 sq. m)		
	c.	Cane Yard	6.92 Acres (28000 sq. m)		
	d.	C type quarters, Bank, Canteen	0.62 Acres(2500 sq. m including bagasse yard)		
	e.	Green belt and R&D	14.48 Acres (58610 sq. m)		
	f.	Open Land	13.09 Acres (52989 sq. m)		
	g.	B,E,F Quarters	--		
	h.	Pump house	1.98 Acres(8000 sq. m , ETP/STP and water reservoir)		
	i.	Total	43.88 Acres (177599 sq. m)		
12	Raw material with quantity and their source				
	Sr. No.	**Raw material**	**Source**	**Quantity (TPD)**	**Method of transport**
	1	Sugar Cane crushing capacity sugarcane for Ethanol production	Local area	3500 1500	By trucks, tractors& bullock carts
	2	Fuel (1*90 TPH boiler)			
		Bagasse	Own Sugar Unit	864	Conveyor

		Distillery Unit			
	1	'C' Molasses Or 'B' Heavy Molasses Or Sugar Juice Or Sugar Syrup	Own Sugar Unit	204 Or 167 Or 846 Or 178	Through Closed Pipeline/Tanker/ Conveyer.
	2	Fuel (for 1*15 TPH boiler)			
		Bagasse	Own industry	144	Conveyor
13	Mode of transportation of Raw material and storage facility	Raw materials will be received by road ways only. Dedicated storage facility will be provided.			
14	Power Requirement				

Unit	Power requirement (MW)	Source
Sugar Unit	4.0	Own 14.5 MW Co-generation Power Plant
Co-generation Power Plant	1.5	
Distillery Unit	1.5	22 TPH incineration boiler

15	WATER			
	I.	Construction Phase		
	a.	Source of water	Dug well	
	b.	Quantity of water for Construction in KLD	50	
	c.	Quantity of water for Domestic Purpose in KLD	8	
	d.	Wastewater generation in KLD	6	
	e.	Treatment facility proposed and scheme of disposal of treated water	Septic tank followed by soak pit and treated effluent shall be used for tree plantation.	
	II	Operational Phase		
	a.	Source of water	Dug well and tertiary treated effluent being recycled	
	b.	Total Requirement of Water in KLD	Fresh	508
			Recycled	4297
			Total	4805
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	458
			Recycled	4297
			Total	4755
	d.	Requirement of water for domestic purpose in KLD	Fresh	50
			Recycled	--
			Total	50
	e.	Wastewater generation in KLD	Industrial effluent	1880
			Domestic sewage	40
			Total	1920

	f.	ETP/ STP capacity	Sugar and Co-generation ETP – 560 KLD, Sugar CPU – 800 KLD, Distillery CPU – 600 KLD and STP – 40 KLD Shall be Provided. Spentwash treatment: Incineration boiler which is being amended to MEE and dryer.
16	Infrastructure for Rain water harvesting		Rainwater is collected from rooftop surface area of buildings and total annual Rainwater Harvesting Potential of the industry is 5246.87 m^3 per year. This shall be utilized for gardening/greenbelt development/ground water recharge through well.
17	Storm water management plan		Separate drains of minimum 0.45m*0.60 m are provided for the collection and disposal of storm water from the industry premises
18	Air Pollution		

a.	Sources of Air pollution	**S. No**	**Stack attached to**	**Types of Fuel**	**Height in meter**	**APC System**	**Remark**	
		1	1*90 TPH Boiler	Sugar & Cogeneration Division	Bagasse	70	ESP	ESP shall be provided APC equipment
		2	1*15 TPH Boiler	Distillery Division	Bagasse			
b.	Composition of Emissions	PM, SO_2, NOx						
19	Noise Pollution							
a.	Sources of Noise pollution	The major sources of noise pollution sources are turbines, Steam exhausts, Vibrator, Cane Cutters, compressors and DG sets etc.						
b.	Expected levels of Noise pollution in db	Shall be maintained within the limits prescribed in KSPCB consent.						
20	EMP Construction phase Operation Phase.	Capital Cost: 18.85 Cr Recurring Cost: 2.28 Cr.						
21	CER Activities	1.95 Crores						

Background of the project: ToR was issued by SEIAA on 14.05.2020 for establishing sugarcane crushing plant with capacity of 1500TCD (operating capacity 1290TCD) to produce 55KLPD Ethanol based on sugarcane juice/syrup on anaerobic digester followed by MEE and incineration and Corrigendum to ToR was issued by SEIAA on 26.08.2020 for addition of Rectified Spirit (RS)/Extra Neutral Alcohol (ENA)-55KLD with a total of three products namely Ethanol, Rectified Spirit and Extra Neutral Alcohol(ENA) and for one product at a time.

Raw materials used are Sugarcane juice/Syrup, "C"/"B" Heavy Molasses and Spentwash treatment through incineration. Public hearing was conducted on 09.11.2021 atHolkunda Village, Kamlapur Tehsil, Kalaburgi District wherein 51nos of people attended public hearing.

The proposal was initially considered in 277th SEAC meeting. The committee had deferred the appraisal as the committee observed that there were Archeological/Historical places situated nearby for which the proponent needed to submit NOC from Archeological Dept.

The proposal was again considered in 280th SEAC Meeting. The proponent had submitted the clarification from Archeological Department and informed the committee that as per the clarification given

by Archeological Dept. the limit of the prohibited area from the protected monuments is 300mtrs and the proposed site area is at a distance of 2.1km from the said monument and hence does not require NoC from Archeological Dept.The committee further sought details regarding source of water for the proposed project and permission from Directorate of Sugars, for which the proponent informed, that the water for the proposed project is sourced through pipe lines from around 3kms which would be laid in farmers land. The committee opined that as the source of water is 3km away from the project site, it was necessary to have site visit to the project area so as to evaluate the socio economic and environment impact of the proposed project.

The committee after discussion decided to defer the project appraisal to have site visit.

The sub-committee had inspected the site on 11th and 12th of July 2022 in the chairmanship on Shri Nanda Kishore, Member, SEAC and had submitted site inspection report, for which the proponent has to comply/reply for the observations of the sub-committee.

In the present meeting the proponent had submitted point wise compliance for the site inspection observations,

1. *Source of water is in the form of well in Proponent field. MOU should be made between Pvt. Ltd. company and Land owner for the continuous supply of water unconditionally with a clause that if proponent resigns company he should supply water till the alternate arrangements. Copy of MoU should be submitted.*

The proponent had submitted MoU and Undertaking for the supply of well water for the industrial and domestic use of the proposed project at 508cum per day, even if the Industry is sold to any other party.

2. *Land documents of the field where well is located should be submitted along with clear pictures of well*

The proponent submitted land documents (RTC) of the well area and a site photograph of the same.

3. *Industrial layout plan clearly demarking all the provisions should be submitted*

The proponent submitted the industrial layout plan clearly demarking all the provisions.

4. *There is no proper road and facilities, hence clear plan should be submitted*

The proponent submitted the layout plan and undertaking to improve approach road.

5. *Around proposed site active agricultural practice is on, industrial activity may effect adversely on agriculture practice*

The proponent informed that all the pollution control measures such as ETP, PC shall be taken by the industry by adopting zero liquid discharge.

6. *Details of Yeast and enzymes used for process should be given.*

The proponent informed that Saccharomyces cerevisiae shall be the yeast propagated in its own laboratory.

7. *Details on solar energy for the plant need to be submitted.*

The proponent informed that Solar Energy panel shall be provided in the roof of the admin building and go-down. All the street lights shall be LED backed by Solar energy.

8. *Pvt. Ltd. incorporation certificate need to submitted, since there were lot of negative complaints by villagers during our inspection.*

The proponent submitted the incorporation certificate dated 11.09.2020

9. *As the approaching road is not good, it is to be strengthened so as to avoid the eruption of the dust.*
The proponent submitted undertaking to develop approach road as per standards.

10. *Underneath of the plain land proposed for the erection the sugar factory plenty of stones are hidden.*
Suitable proposal should be given to manage that huge amount of stones.

11. *Care must be taken not to destroy the biodiversity of the area from where water is drawn to the project.*
The proponent informed that they would strictly follow the pollution control norms, so that there will be no effect on the biodiversity.

12. *The total water required for the project will be drawn from a distance of 3 km 12) (approximately) from an open well. The Sub-Committee members visited the open well site.*
The proponent agreed.

13. *The Sub-Committee members observed that Bahamani Tombs of Holkunda Village is almost more than 2 kms away from Project site.*
The proponent agreed.

The committee after discussion accepted the compliance/replies submitted by the proponent and decided to recommend the proposal to SEIAA for issue of Environmental clearance with condition to, 1. Obtain CGWA permission for using Ground Water, 2. To obtain consent from respective land owners for installing pipe, 3. To widen and strengthen the approach road as per standard norms, 4. To strictly provide minimum 33% of green belt area on natural earth and 5. To comply with the public hearing requests of the public.

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

<u>With permission of the Chair</u>

282.53 Building Stone Quarry project at Kilinjaru Village, Mangalore Taluk, Dakshina Kannada District (2-00 Acres) by M/s. KNR Constructions Ltd. - Online Proposal No.SIA/KA/MIN/284537/2022 (SEIAA 337 MIN 2022) (For National Highway Project)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. KNR Constructions Ltd.
2	Name & Location of the Project	Building Stone Quarry project at Sy. No. 121/1P2 of Kilinjaru Village, Mangalore Taluk, Dakshina Kannada District (2-00 Acres)

Corner Pillar	Latitude	Longitude
A	12° 58' 57.125" N	74° 59' 11.434" E
B	12° 59' 0.141" N	74° 59' 12.033" E
C	12° 59' 1.851" N	74° 59' 15.087" E
D	12° 58' 59.594" N	74° 59' 15.401" E

MAP DATUM - 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]	Patta
6	Area in Acres	2-00 Acres
7	Avg. Annual Production (Metric Ton / Cum) Per Annum	1,26,315.6Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.17 Crores (Rs. 117 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,75,767 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m or Ton	2,50,000 Tons/ Annum (for two years) 33,333 Tons/ Annum (for three years)
11	**CER Activities:**To construct additional rooms for Kilinjaru Govt. School	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to common public places to the GHPS school at Kilinjaru Village
2nd	Rain water harvesting pits to the GHPS school at Kilinjaru Village
3rd	Conducting E-waste drive campaigns in the Kilinjaru 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 of road With drainages

12	EMP Budget	Rs. 44.78 lakhs (Capital Cost) & Rs. 7.97 lakhs (Recurring cost)
13	Forest NOC	27.01.2021
14	Quarry plan	14.07.2022
15	Cluster certificate	19.07.2022
16	Revenue NOC	13.01.2022
17	Notification	05.07.2022

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 4-00 Acres and hence the project is categorized as B2

There is an existing cart track road to a length of 930 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 and road connecting crusher as per IRC standard norms and 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 6,75,767 Tons (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

anannual production of 2,63,158 Tons/ Annum (for first two years, including waste) and 35,088 Tons/ Annum (for three years, including waste)

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

282.54 Building Stone Quarry Project at Sy.No. 361/P1of Nitte Village, Karkala Taluk, Udupi Kannada District (1.50 Acres) by Sri Naveen Chandra Jain- Online Proposal No.SIA/KA/MIN/273695/2022 (SEIAA 243 MIN 2022) (For National Highway Project) : Expansion.

The proposal is for expansion, where in earlier EC was issued by SEIAA on 10.03.2015 and the lease was granted on 03.02.2022. The proponent had submitted certified compliance report from KSPCB dated 20.06.2022 and audit report certified by DMG dated 17.05.2022.

The committee noted that as per the Forest NoC dated 09.03.2012, the survey numbers of the proposed project area was not clear regarding, whether the proposed area is within the deemed forest area or out of the deemed forest area. Hence the committee after discussion decided to defer the project appraisal for want of clear Forest NoC, informing that the proposed project area is out of Deemed Forest area.

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

282.55 Building Stone Quarry Project at Padumarnadu Village, Mudabidre Taluk, Dakshina Kannada District (5.49 Acres) by M/s. Dilip Buildcon Ltd. - Online Proposal No.SIA/KA/MIN/284798/2022 (SEIAA 341 MIN 2022) (For National Highway Project)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Dilip Buildcon Ltd.
2	Name & Location of the Project	Building Stone Quarry Project at Sy.Nos. 323/1 & 323/2 of Padumarnadu Village, Mudabidre Taluk, Dakshina Kannada District (5.49 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government	Patta

Corner Pillar	Latitude	Longitude
A	N 13° 05' 27.60"	E 75° 01' 27.40"
B	N 13° 05' 28.30"	E 75° 01' 29.70"
C	N 13° 05' 29.60"	E 75° 01' 30.80"
D	N 13° 05' 30.00"	E 75° 01' 32.30"
E	N 13° 05' 30.70"	E 75° 01' 33.30"
F	N 13° 05' 31.00"	E 75° 01' 34.30"
G	N 13° 05' 32.90"	E 75° 01' 34.50"
H	N 13° 05' 33.20"	E 75° 01' 32.50"
I	N 13° 05' 32.20"	E 75° 01' 29.90"
J	N 13° 05' 30.90"	E 75° 01' 26.40"

	Revenue, Gomal, Private / Patta, Other]	
6	Area in Acres	5.49 Acres
7	Avg. Annual Production (Metric Ton / Cum) Per Annum	4,21,052 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.72 Crores (Rs. 172 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,83,612 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1st year 4,00,000 Tons/ Annum 2nd year 6,00,000 Tons/ Annum 3rd year 5,00,000 Tons/ Annum 4thyear 2,50,000 Tons/ Annum 5thyear 2,50,000 Tons/ Annum
11	**CER Activities:** To Construct additional room and compound wall to Govt. School in Padumarnadu village.	
12	EMP Budget	Rs. 48.31 lakhs (Capital Cost) & Rs. 11.94 lakhs (Recurring cost)
13	Forest NOC	22.04.2022
14	Quarry plan	20.07.2022
15	Cluster certificate	19.07.2022
16	Revenue NOC	13.10.2021
17	Notification	05.07.2022

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to common public places to the GHPS school at Padumarnadu Village
2nd	Rain water harvesting pits to the GHPS school at Padumarnadu Village
3rd	Conducting E-waste drive campaigns in the Padumarnadu Village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS school at Padumarnadu Village

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 8.59 Acres and hence the project is categorized as B2

The committee during the appraisal sought clarification, regarding whether the proposed area is inside Deemed Forest area or Out of Deemed Forest area. The proponent informed the committee that as per Forest NoC dated 22.04.2022, Sy.Nos. 323/1 and 323/2 is mentioned as new patta as per Revenue records (Pahani) and proposed area is not within reserved forest and at a distance of 0.076Km from Marpadi Block Guppe. And further informed that area of 2-00Acres in Sy.No. 323/4 of Moodabidre Taluk Padumarnadu is within the Kumki category of Deemed Forest List as per reconstituted expert committee -1 and as per GO dated 15.05.2014 (Kumki areas are Statutory Forest) and also had mentioned that Management and Administrative Control lies with Revenue department and to get clarification from Revenue Department regarding whether the proposed quarry in Sy.No. 323/4 (2-00Acres) is out of Deemed Forest Area. As per which the proponent had obtained clarification from Tahsildar Moodabidre Taluk vide letter dated 28.07.2022 as per which, in Sl.No. 3 it is informed that the proposed area is not inside Deemed Forest Area or Wild Life (ESZ)Areas, and area of 2.46Acres in Sy. No. 323/1 is in the name of A K Mahabala Shetty and others, and area of 3.48Acres in Sy.No. 323/2

is in the name of Dr. S.G Prasanna Aithal. And in Sl.No. 4 an area of 2-00Acres in Sy.No. 323/4 is in Deemed Forest List. The proponent informed the committee that proposed project is in Sy.Nos. 323/1 and 323/2, which is not inside Deemed Forest List and submitted undertaking informing the same and requested the committee to consider the clarification. The committee noted the clarification given by the proponent and after discussion, came to consensus that the proposed area is a revenue land as per Tahsildar Letter dated 28.07.2022 and appraised the project.

There is an existing cart track road to a length of 740 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 and road connecting crusher as per IRC standard norms and 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 21,83,612 Tons (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 for 1st year 4,21,053 Tons/Annum (including waste), 2nd year 6,31,579 Tons/ Annum(including waste), 3rd year 5,26,316 Tons/Annum(including waste), 4th year 2,63,158 Tons/ Annum(including waste), 5th year 2,63,158 Tons/ Annum (including waste).

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

282.56 Building Stone Quarry Project at Padumarnadu Village, Mudabidre Taluk, Dakshina Kannada District (3.10 Acres) by M/s. Dilip Buildcon Ltd. - Online Proposal No.SIA/KA/MIN/284687/2022 (SEIAA 342 MIN 2022) (For National Highway Project)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Dilip Buildcon Ltd.
2	Name & Location of the Project	Building Stone Quarry Project at Sy.Nos. 98/2B & 98/2C of Padumarnadu Village, Mudabidre Taluk, Dakshina Kannada District (3.10 Acres)

		Corner Pillar / Latitude / Longitude A N 13° 05' 34.300" E 75° 01' 24.900" B N 13° 05' 34.940" E 75° 01' 25.810" C N 13° 05' 35.900" E 75° 01' 28.100" D N 13° 05' 36.410" E 75° 01' 29.440" E N 13° 05' 36.570" E 75° 01' 30.580" F N 13° 05' 35.734" E 75° 01' 31.296" G N 13° 05' 34.300" E 75° 01' 31.300" H N 13° 05' 33.200" E 75° 01' 30.500" I N 13° 05' 33.500" E 75° 01' 25.980" MAP DATUM – 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]	Patta
6	Area in Acres	3.10 Acres
7	Avg. Annual Production (Metric Ton / Cum) Per Annum	2,10,526 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.33 Crores (Rs. 133 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	11,19,225 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1st & 2nd year 2,00,000 Tons/ Annum 3rd year 3,00,000 Tons/ Annum 4th & 5th year 1,50,000 Tons/ Annum
11	**CER Activities:** To Construct additional room and compound wall to Govt. School in Padumarnadu village.	
	Year / Corporate Environmental Responsibility (CER)	
	1st / Providing solar power panels to common public places to the GHPS school at Padumarnadu Village	
	2nd / Rain water harvesting pits to the GHPS school at Padumarnadu Village	
	3rd / Conducting E-waste drive campaigns in the Padumarnadu Village	
	4th / Scientific support and awareness to local farmers to increase yield of crop and fodder	
	5th / Health camp in GHPS school at Padumarnadu Village	
12	EMP Budget	Rs. 46.16 lakhs (Capital Cost) & Rs. 9.10 lakhs (Recurring cost)
13	Forest NOC	22.04.2022
14	Quarry plan	20.07.2022
15	Cluster certificate	19.07.2022
16	Revenue NOC	13.10.2021
17	Notification	05.07.2022

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 including the present lease is 8.59 Acres and hence the project is categorized as B2.

The committee during the appraisal sought clarification, regarding whether the proposed area is inside Deemed Forest area or Out of Deemed Forest area. The proponent informed the committee that

as per Forest NoC dated 22.04.2022, Sy.Nos. 98/2B1 and 98/2B is mentioned as new patta as per Revenue records (Pahani) and proposed area is not within reserved forest and at a distance of 0.109Km from Marpadi Block Guppe. He further informed that an area of 3.78Acres in Sy. No. 98/2 of Moodabidre Taluk Padumarnadu is within the Kumki category of Deemed Forest List as per reconstituted expert committee -1 and as per GO dated 15.05.2014 (Kumki areas are Statutory Forest) and had also mentioned that Management and Administrative Control lies with Revenue department and to get clarification from Revenue Department regardingwhether the proposed quarry in Sy. No. 98/2 (3.78Acres) is out of Deemed Forest Areas. The proponent had obtained clarification from Tahsildar Moodabidre Taluk vide letter dated 28.07.2022 as per which, in Sl.No.3 itstates that the proposed area is not inside Deemed Forest Area or Wild Life (ESZ)Areas, and Sy.No. 98/2C(98/2B1 as per Pahani) is in Chitra A Rai co Anil Kumar Rai and others but as per Akarband Sy. No. 98/2 and recorded in FMB sketch as 98/2A, 98/2B, 98/2C. In Sl.No.4 for Sy. No. 98/2 an area of 3.77Acres is recorded in Pahani records and in FMB records only an area of 3.77Acres in Sy. No. 98/2Acres is Govt. Land, which is inside Deemed Forest List. The proponent informed the committee that the proposed project is in Sy. Nos. 98/2B and 98/2C, which is not inside Deemed Forest List and submitted undertaking informing the same and requested the committee to consider the clarification. The committee noted the clarification given by the proponent and after discussion, came to consensus that the proposed area is a revenue land as per Tahsildar Letter dated 28.07.2022 and appraised the project.

There is an existing cart track road to a length of 750 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 and road connecting crusher as per IRC standard norms and 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 11,19,225 Tons (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 for1st& 2nd year 2,10,526Tons/Annum(including waste),3rd year 3,15,789 Tons/ Annum(including waste), 4th&5th year 1,57,895 Tons/ Annum(including waste).

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

Meeting Concluded with vote of thanks to all.

Member Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka