Proceedings of the 288thSEAC Meeting held on 21st, 22nd & 23rd December - 2022

Members present in the meeting held on 21st, 22nd & 23rd December - 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. Vyshak V Anand	Member
7.	Shri. Dinesh MC	Member
8.	Shri. Devegowda Raju	Member
9.	Shri.Sharanabasava Chandrashekhar Pilli	Member
10.	Shri. J G Kaveriappa	Member
11.	Shri. Mahendra Kumar M C	Member
12.	Shri. B V ByraReddy	Member
13.	Dr.SarvamangalaR. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Sri. R Gokul, IFS	Member Secretary

Officials Present

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

The Chairman welcomed the members and initiated the discussion. The proceedings of the 287th SEAC meeting held on 17th, 18th and 19th November 2022was read and confirmed the proceedings.

Fresh Projects

EIA Projects

288.1 Herundi Sand Block (Block-2) Project at Herundi Village, Devadurga Taluk, Raichur District (18-00 Acres) by M/s. Hutti Gold Mines Company Limited - Online Proposal No.SIA/KA/MIN/403814/2022 (SEIAA 446 MIN 2021)

About the project:

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. The Hutti Gold Mines Co. Ltd.
2	Name & Location of the Project	Herundi Sand Block (Block-2) Project at Sy. Nos.96/2,97/2,98/2,99/2,107 of Herundi Village, Devadurga Taluk, Raichur District (18-00 Acres)

Point	Latitude	Longitude
A	N:16°25'26.80"	E:76°49'56.28"
B	N:16°25'31.89"	E:76°49'55.05"
C	N:16°25'37.80"	E:76°50'09.26"
D	N:16°25'32.71"	E:76°50'10.24"

3	Type Of Mineral	Herundi Sand Block (Block-2) Project
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	GovernmentLand
6	Area in Acres	18-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	75,174 Tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.11 Crores (Rs. 211 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	75,174Tons per annum(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	60,139 Tons/ Annum (excluding waste)
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 Yerandi, Bagur Villages & Strengthening/ repairing of existing of approach road
3rd	Rain water harvesting pits nearby school
4th	Avenue plantation either side of the approach road near Mine site and sand storage areas & maintenance of drainage facilities
5th	Health camp in nearby community places

12	EMP Budget	Rs. 11.73 Lakhs (Capital Cost) & Rs. 10.92 Lakhs (Recurring cost)
13	Forest NOC	10.01.2022
14	Quarry plan	11.11.2020
15	Cluster Certificate	18.02.2021
16	Gazette Notification	30.07.2020
17	DTF	03.07.2020
18	JIR Depth	3.15mtrs
19	Irrigation NoC	26.04.2022
20	LoI	19.08.2020

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 13.06.2022.

There is an existing cart track road to a length of 1400 meters connecting the lease area to the all weather black topped roadand the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard normsand the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for sand mining as per Hon'ble NGT (SZ) Directions in O.A. 194/2020 dated 15.09.2022 and also not to carry out in-stream miningand the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of May & December 2005 and January 2017 showing dry weather flow and informed the committee mining operations to be carried out only in dry weather conditions.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 75,174 Tones per annum (including waste) as per the approved quarry plan, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 375,174 Tons/ Annum (including waste) for 5 years, after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and adhere by the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022.

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

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

About the project:

<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 Hanumappa</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 59 of Sulivara Village, Bangalore South Taluk, Bangalore Urban District (2-15 Acres)
<table>
<tr><th rowspan="2">Latitude & Longitude of all corner boundary point/ pillar Fixed reference point (FRP)</th><th colspan="2">GPS Reading
Map Datum :WGS-84</th></tr>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 12° 53.550'</td><td>E 77° 21.345'</td></tr>
<tr><td>B</td><td>N 12° 53.499'</td><td>E 77° 21.356'</td></tr>
<tr><td>C</td><td>N 12° 53.487'</td><td>E 77° 21.334'</td></tr>
<tr><td>D</td><td>N 12° 53.468'</td><td>E 77° 21.314'</td></tr>
<tr><td>E</td><td>N 12° 53.547'</td><td>E 77° 21.302'</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>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-15 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2,04,081Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.29 Crores (Rs. 129 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>13,46,026 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,04,081 Tones/Annum (including waste)</td></tr>
</table>

11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	**Providing solar power panels to the GHPS school at Sulivara Village.**
2nd	Rain water harvesting pits to Sulivara Village.
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	**Conducting E-waste drive campaigns in GHPS at Sulivara Village.**
5th	**Health camp in GHPS at Sulivara Village.**

12	EMP Budget	Rs. 51.66 Lakhs (Capital Cost) &8.81 Lakhs (Recurring cost)
13	Forest NOC	02.12.2022
14	Quarry plan	26.02.2021
15	Cluster certificate	25.07.2021
16	Revenue NOC	18.06.2015
17	Notification	19.02.2021
18	DTF	29.06.2015

The proposal is for building stone quarry and SEIAA had issued ToR on 14.01.2022 and Public hearing was conducted on 02.09.2022.

The committee initially sought clarifications for the earlier workings in the proposed area as per KML submitted by proponent, for which the proponent informed that they will come back with clarifications. Hence the committee after discussion decided to defer the appraisal of the project.

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

288.3 Residential Towers with MLCP Project at Shivalli Village, Udupi Taluk & District by M/s. Mandavi Infrastructures- Online Proposal No.SIA/KA/INFRA2/403313/2022 (SEIAA 130 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. Glen Dias (Managing Partner) Address: 3rdFloor, Mandavi Trade Centre, Udupi-Manipal Road, Kunjibettu, Udupi-576102
2	Name & Location of the Project	Name:Proposed Residential Towers with MLCP – 'Mandavi Royal Garden" Location:At Sy. No. 126/2A, 126/3, 126/4, 126/5, 126/6, 126/7, 127/1, 130/3, 130/2, 130/14A1, 130/14A2, 130/14B1, 130/14B2, 130/16 of Udupi Taluk, Udupi-576 104
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) Building and Construction Projects as per EIA Notification, 2006

Sl. No	PARTICULARS	INFORMATION
b.	Residential Township/ Area Development Projects	Not applicable
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	21,705.719Sqm
7	Built Up area (Sqm)	74,869.80Sqm
8	FAR • Permissible • Proposed	 2.50 1.58
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Residential Towers of Ground + 40 Floors + Terrace Floor (Including G + 4 Floors MLCP)
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	As per CCZM Mangalore, Permissible: 150 m Proposed: 142.40 m
12	Project Cost (Rs. In Crores)	Rs. 85 Cr.
13	Disposal of Demolition waste and or Excavated earth	Earthwork will involve excavation for building footing. No cut and fill activities are proposed as there is no basement proposed
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7,564.73 Sq.m (34.85%)
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	7,409.72 Sq.m (34.14%)
d.	Internal Roads	2,635.94 Sq.m (12.14%)
e.	Paved area	
f.	Others Specify	Area for Future development – 4,095.42 Sq.m (18.87%)
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	21,705.719 Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Water Tankers
b.	Quantity of water for Construction in KLD	~ 48
c.	Quantity of water for Domestic Purposes in KLD	2.25

Sl. No		PARTICULARS	INFORMATION	
	d.	Wastewater generation in KLD	1.8	
	e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours will be provided and treated sewage will be directed to UGD of UCMC available on the road in front of the Site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	154 KLD
			Recycled	117 KLD
			Total	371 KLD
	b.	Source of water	Udupi City Municipal Council (UCMC), Udupi	
	c.	Wastewater generation in KLD	199KLD	
	d.	STP capacity	220 kld	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	76 kld excess treated will be disposed off in the UGD of UCMC (Available on the road in front of the Site)	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	2 Sump tanks of 150 Cu.m each capacity	
	b.	No's of Ground water recharge pits	2 recharge wells	
17		Storm water management plan	Pond of capacity 60cum to be provided and excess to be harvested in recharge pits. To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	▪ Domestic Waste (5 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ▪ Construction Waste – Shall be segregated and reused for refilling within the Project site (Proper facility for storage of construction wastes will be made at Project site). ▪ Plastic waste – to be sold to recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	334 kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) and will be used as manure at the Project site	

<table>
<tr><th colspan="2">Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td></td><td>b.</td><td>Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms</td><td>267 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable will be sent to Common Solid Waste Management Facility.
67 kg/day - Send to Common Solid Waste Management Facility</td></tr>
<tr><td></td><td>c.</td><td>Quantity of Hazardous Waste generation and mode of Disposal as per norms</td><td>Quantity generated from Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.</td></tr>
<tr><td></td><td>d.</td><td>Quantity of E waste generation and mode of Disposal as per norms</td><td>Quantity generated E waste will be stored at a designated place and sold to registered recyclers.</td></tr>
<tr><td>19</td><td colspan="3">POWER</td></tr>
<tr><td></td><td>a.</td><td>Total Power Requirement - Operational Phase</td><td>1200 KW from MESCOM</td></tr>
<tr><td></td><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>2 DG sets of 750 kVA each</td></tr>
<tr><td></td><td>c.</td><td>Details of Fuel used for DG Set</td><td>HSD – 300 l/hr</td></tr>
<tr><td></td><td>d.</td><td>Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines</td><td>▪ Use of Solar power system for generation 5% of unit consumption.
▪ Use of LED Lights and bulbs, in order to minimize energy consumption, energy efficient LED tube lights & LED Cluster lamps will be used for interior lighting.
▪ Minimum 4 Star electrical appliances in common area amenities
▪ Use of Energy Efficient drives for Motors, Pumps, etc.
▪ 22.34% of savings using energy saving measures</td></tr>
<tr><td>20</td><td colspan="3">PARKING</td></tr>
<tr><td></td><td>a.</td><td>Parking Requirement as per norms</td><td>403 ECS + 101 Two Wheelers</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>LOS :E</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>6 m</td></tr>
<tr><td>21</td><td colspan="2">CER Activities</td><td>
<table>
<tr><th>Sr. No</th><th>Year</th><th>Activities</th></tr>
<tr><td>1.</td><td>2023-24</td><td>Avenue plantation along the project site on the Manipal Udupi Road with maintenance</td></tr>
<tr><td>2.</td><td>2024-26</td><td>RCC box drain works 86 m from Kalsanka to Gundibail</td></tr>
<tr><td>4.</td><td>2026-27</td><td>Construction of one room to the Government School at Shivalli village & setting up Computer lab</td></tr>
</table>
</td></tr>
</table>

Sl. No	PARTICULARS	INFORMATION
22	EMP • Construction phase • Operation Phase	Construction Phase :Rs. 21.5Lakhs Operation Phase: Capital cost: Rs. 216.75Lakhs & Recurring cost Rs. 25.6Lakhs

The proposal is for construction of Residential building in an area which is earmarked for mixed use as per Malpe Local Planning Area.

The committee during appraisal sought clarification for area reserved for green belt in the current proposal and for future development and harvesting rain water in the proposed area. The proponent informed the committee that the area of 7,409.72sqm is reserved for green belt in the present proposal and an area of 4,095.42sqm is reserved for future development and informed the committee that there will be no change in green belt area and green belt area of 7,409.72sqm is proposed considering the future development. For harvesting rain water, they have proposed two tanks of 150cum for runoff from rooftop and apond of capacity 60cum capacity for runoff from landscape and paved areas in addition to 2nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

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

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

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

288.4 Residential Development Project at Nimbekayipura Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru by M/s. Brigade Enterprises Limited - Online Proposal No.SIA/KA/INFRA2/403534/2022 (SEIAA 131 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Brigade Enterprises Limited, 29th and 30th Floor, World Trade Center, Brigade Gateway Campus, 26/1, Dr Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru
2	Name & Location of the Project	Brigade Residential Development at Sy. Nos. 23/2, 23/4, 23/6A and 23/6B, Nimbekayipura Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru
3	Type of Development	
a.	Residential Apartment / Villas /	Residential Apartment

		Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	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	Water bodies and drains in the northern side are out of the buffer zone for the proposed site area.
6		Plot Area (Sqm)	19,222.40 Sq.m
7		Built Up area (Sqm)	97,319.89 Sq.m
8		FAR • Permissible • Proposed	 3.25 3.249
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 and Building 2 – 2 Basement Floors + Stilt Floor + Ground Floor + 32 Upper Floors + Terrace Floor Clubhouse – 2 Basement Floors + Ground Floor + 4 Upper Floors + Terrace Floor
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	600 Flats
11		Height Clearance	AMSL of the project site is 877m; Height allowed as per CCZM Map for Bengaluru is 1035m. Allowed height is 158m. Proposed Height is 100m
12		Project Cost (Rs. In Crores)	150 Crores
13		Disposal of Demolition waste and or Excavated earth	It is estimated that about 45,500 cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 14,040cum shall be stored and used for landscaping. About 9,850cum of excavated soil will be used for leveling and construction of internal roads. About 5,095cum will be used for backfilling and remaining 16,565cum is proposed 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. No excavated earth is proposed be taken out of the project site for disposal.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5,571.60Sq.m
	b.	Kharab Land	505.85 Sq.m (5 Guntas) - Excluded from Site Area
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification,	6,177Sq.m

		2006		
	d.	Internal Roads	7,473.80Sq.m	
	e.	Paved area		
	f.	Others Specify	Nil	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	19,222.40Sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site	
	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10KLD	
	d.	Waste water generation in KLD	16KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	305KLD
			Recycled	155KLD
			Total	460KLD
	b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	368KLD	
	d.	STP capacity	400KLD 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	400cum	
	b.	No's of Ground water recharge pits	10 Nos.	
17		Storm water management plan	Storm water to be collected in pond of 350cum capacity and excess water to be used to recharge ground water through 10 recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	50kg/day of solid waste shall be disposed through BBMP waste management contractors	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	614kg/day Organic Waste Converter	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	921kg/day Local Authorized Recyclers	
	c.	Quantity of Hazardous Waste	1000 kg/annum	

		generation and mode of Disposal as per norms	Authorized Agencies
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/annum Authorized Agencies
19		POWER	
	a.	Total Power Requirement - Operational Phase	4000KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1000KVA x 2Nos. + 250KVA x 1No.
	c.	Details of Fuel used for DG Set	Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 10ppm
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a. Timer based External Lights b. BEE Star rated electromechanical systems shall be used in the development c. Solar Water Heating systems for top two floors of residential building d. Use of HF ballast for lighting e. Use of LED light fittings f. Building Orientation; Cross Ventilation Total Savings – 23.8%
20		PARKING	
	a.	Parking Requirement as per norms	930 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Hoskote Service– C Hoskote MCW – C Raghuvanahalli/Bangalore(SR) - C
	c.	Internal Road width (RoW)	8m
21		CER Activities	1. Provide provisions to recharge ground water in surrounding areas. 2. Jobs for local people during construction and operation phase. 3. Free Medical check-up camps will be held 4. Signage on roads to avoid accidents. 5. Providing Skill Development facilities 6. Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 7. Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 243.9 Lakhs Recurring Cost – 10.39 Lakhs/ Annum During Operation Phase: Capital Investment – 292.84 Lakhs Recurring Cost – 55.0 Lakhs/ Annum

The proposal is for construction of residential apartment project in an area earmarked for agricultural use as per RMP of BDA, for which the proponent informed that they had obtained land conversion from D.C to commercial and proposed residential use is permitted as per RMP of BDA.

The committee during appraisal sought clarification for foot kharab and water body as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the foot kharab passing inside the project site is rerouted to edge of project

boundary as per D.C order dated: 12.05.2016 and for the water body in south west as per village map, proponent informed that there is no water body in south west side and for the proposed Sy. Nos. there is no B Kharab area as per RTC and foot kharab 5G is been rerouted obtaining necessary permission. For harvesting rain water, the proponent has proposed 400cum capacity of tank/sump for runoff from rooftop and a pond of capacity 350cumfor runoff from landscape and paved areas in addition to 10nos recharge pits within the project area.

The proponent informed that they have made provisions to grow a total of 240 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 and with a condition to leave free public access in kharab area.

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

288.5 Legend Mixed Use Project at Channsandra Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Legend Properties - Online Proposal No.SIA/KA/INFRA2/405909/2022 (SEIAA 128 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Legend Properties, Prestige Enclave, Plot No. 4, Kadaganahalli Village, JalaHobli, Bengaluru North Taluk, Bengaluru
2		Name & Location of the Project	Legend Mixed Use Project at Municipal No. 254, Ward No. 83, Kadugudi, Survey No. 4/1, Channsandra Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Mixed Use (Residential and Commercial Convenience Shopping Complex) 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 Nala near the North boundary of the project site
6		Plot Area (Sqm)	5,159.73Sq.m
7		Built Up area (Sqm)	27,670 Sq.m

8	FAR • Permissible • Proposed	 3.25 3.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 – 2 Basement Floors + Ground Floor + 11 Upper Floors + Terrace Floor (Includes 110 Residential Units, Commercial Convenience Stores and Club House)
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	110
11	Height Clearance	AMSL of the project site is 864m; Height allowed as per CCZM Map for Bengaluru is 928m. Allowed height is 64m. Proposed Height is 34.95m
12	Project Cost (Rs. In Crores)	36 Crores
13	Disposal of Demolition waste and or Excavated earth	It is estimated that about 18,550cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 2,579cum shall be stored and used for landscaping. About 3,710cum of excavated soil will be used for leveling for construction of internal roads. About 2,785cum will be used for backfilling and remaining 9,476cum 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	2020.73Sq.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	560Sq.m
d.	Internal Roads	2,579.00Sq.m
e.	Paved area	
f.	Others Specify	Nil
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	Total	5159.73Sq.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	5KLD
c.	Quantity of water for Domestic Purpose in KLD	10KLD
d.	Waste water generation in KLD	8KLD

	e.	Treatment facility proposed and scheme of disposal of treated water	10KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	67KLD
			Recycled	29KLD
			Total	96KLD
	b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	75KLD	
	d.	STP capacity	80KLD 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	100cum	
	b.	No's of Ground water recharge pits	5 Nos.	
17		Storm water management plan	Storm water to be collected in used to recharge ground water through 5 recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	10kg/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	154kg/day Organic Waste Converter	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	209kg/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	650KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200KVA x 1No. + 160KVA x 1No.	
	c.	Details of Fuel used for DG Set	Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 10ppm	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a. Timer based External Lights b. BEE Star rated electromechanical systems shall be used in the development c. Solar Water Heating systems for top one floor of residential building d. Use of HF ballast for lighting e. Use of LED light fittings f. Building Orientation; Cross Ventilation	

			Total Savings – 22.33%
20		PARKING	
	a.	Parking Requirement as per norms	191 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : Channasandra Road – B FCI Road – A
	c.	Internal Road width (RoW)	6m
21		CER Activities	1. Jobs for local people during construction and operation phase. 2. Free Medical check-up camps will be held at Channasandra Village 3. Signage on Channasandra Main Road to avoid accidents. 4. Providing Skill Development facilities 5. Infrastructure creation along Channasandra Main Road for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 6. Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 51.64 Lakhs Recurring Cost – 4.69 Lakhs/ Annum During Operation Phase: Capital Investment – 86 Lakhs Recurring Cost – 8.5 Lakhs/ Annum

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

The committee during appraisal sought clarification for drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that for the tertiary drain in north a buffer of 15mtrs from center is proposed. For harvesting rain water, the proponent has proposed 100cum capacity of tank/sump for runoff from rooftop and for the runoff from landscape and paved areas 5nos recharge pits within the project area.

The proponent informed that they have made provisions to grow a total of 65 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.

288.6 Expansion of Residential Apartment Project at Bheemanakuppe Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru District by M/s. DS Max Properties Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/401135/2022 (SEIAA 123 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M. R. Shivashankar Chikkeri Authorized Signatory M/s. DS Max Properties Pvt. Ltd., #1854, 17th main, 30th 'B' Cross, HBR Layout, 1st stage, 5th Block, Bengaluru-560043
2	Name & Location of the Project	"Expansion of Residential Apartment" Located atSy No: 100, Bheemanakuppe Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru District, Karnataka.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification
b.	Residential Township/ Area Development Projects	Not Applicable
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Not Applicable
6	Plot Area (Sqm)	11,735.72 Sqm
7	Built Up area (Sqm)	55,844.26 Sqm
8	FAR • Permissible • Proposed	 3.00 2.940
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+14UF+TF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	600 units
11	Height Clearance	The proposed project is out of CCZM Bangalore boundary. Project site elevation – 786m Building Height – 44.70m Maximum building height: 830.7m
12	Project Cost (Rs. In Crores)	98 Crores.
13	Disposal of Demolition waste and or Excavated earth	NA
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,409.33 Sqm

	b.	Kharab Land	--	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	3,872.78 Sqm	
	d.	Paved area	3,716.33 Sqm	
	e.	Others Specify	Service and Open areas - 1,737.28 Sqm	
	f.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	g.	Total	11,735.72 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Wastewater generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in Mobile STP.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	270 KLD
			Recycled	135KLD
			Total	405 KLD
	b.	Source of water	Ramohalli gram panchayat	
	c.	Wastewater generation in KLD	344 KLD	
	d.	STP capacity	400 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 327 KLD (95% of sewage water) For flushing – 135 KLD For landscape gardening –24 KLD For vertical gardening –19 KLD For other construction purpose –149KLD	
16		Infrastructure for Rainwater harvesting		
	a.	Capacity of sump tank to store Roof run off	300 Cum	
	b.	No's of Ground water recharge pits	20 no's	
17		Storm water management plan	Storm water to be collected in pond of capacity 250cum and excess to be used to recharge ground water through 20 number of recharge pits.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10kg/day Solid waste will be generated and collected manually and handed over to local body for further processing	

	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –540kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 18.25 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 810kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 800 l/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19		POWER	
	a.	Total Power Requirement - Operational Phase	BESCOM – 3000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X1500KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -22%
20		PARKING	
	a.	Parking Requirement as per norms	411ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: Towards DoddaAlada Mara – B Towards Kumbalagudu – B
	c.	Internal Road width (RoW)	Approach road width – 30 m (W) Internal road width – 8 m
21		CER Activities	To provide necessary provision for community recharge of ground water in GP limits. The following activity for Ramohalli village. ▪ Development of rainwater harvesting. ▪ Sanitation facility ▪ Construction of recharge pits ▪ Tree plantation Providing the following necessary infrastructure to the Govt. High school Ramohalli, Bengaluru
22		EMP • Construction phase • Operation Phase	Construction phase – 10.45 lakh Operational Phase – 280 lakh

The proposal is for expansion in BUA, where in earlier EC was issued by SEIAA on 28.06.2021 for BUA of 41,448.95 Sqm and now proposed for a BUA of 55,844.26Sqm in a plot area of 11.735.72 Sqm. Regarding CCR for earlier EC, proponent informed the committee that no construction activities were started as on date and justified the same with the latest site photos.

The committee during appraisal sought clarification for drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that for the tertiary drain in north west, for which a buffer of 15mtrs from center is proposed. For harvesting rain water, the proponent has proposed 300cum capacity of tank/sump for runoff from rooftop and a pond of capacity 250cum for the runoff from landscape and paved areas in addition to 20nos recharge pits within the project area.

The proponent informed that they have made provisions to grow a total of 146 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.

288.7 Residential Apartment Development Project at Shivalli Village, Udupi Taluk & District by M/s. Mandavi Constructions - Online Proposal No.SIA/KA/INFRA2/404120/2022 (SEIAA 136 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. Glen Dias (Managing Partner) Address: 3rd Floor, Mandavi Trade Centre, Udupi-Manipal Road, Kunjibettu, Udupi-576102
2	Name & Location of the Project	Name:Proposed Residential Towers – "Mandavi Down Town" Location:At Sy. No. 293/4, 293/5, 293/6, 293/7, 293/8, 293/9 of Udupi Taluk, Udupi-576 104
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Building Category 8(a) Building and Construction Projects as per EIA Notification, 2006
b.	Residential Township/ Area Development Projects	Not applicable
4	New/ Expansion/ Modification/ Renewal	New

Sl. No	PARTICULARS	INFORMATION
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	8,972.392
7	Built Up area (Sqm)	56,210.73
8	FAR • Permissible • Proposed	 2.50 2.498
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Residential Towers of 2 Basement + Ground + 19 Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	As per CCZM Mangalore Permissible: 150 m Proposed: 46.88 m
12	Project Cost (Rs. In Crores)	Rs. 70 Cr.
13	Disposal of Demolition waste and or Excavated earth	23,611 Cu.m Excavated earth and 360 Cu.m demolition waste will be generated. Entire quantity will be utilized within the premises for Back filling, Levelling of Site, construction of internal roads and Landscaping activities.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1,980.2Sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	3,000 Sq.m
d.	Internal Roads	2,560 Sq.m
e.	Paved area	1,432.19 Sq.m
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	8,972.392Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Water Tankers
b.	Quantity of water for Construction in KLD	47KLD
c.	Quantity of water for Domestic Purposes in KLD	3 KLD
d.	Wastewater generation in KLD	2.6 KLD
e.	Treatment facility proposed and	Temporary sanitary facilities for construction labours

Sl. No		PARTICULARS	INFORMATION	
		scheme of disposal of treated water	are provided and disposal of sewage will be treated in mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	169 KLD
			Recycled	103KLD
			Total	272KLD
	b.	Source of water	Udupi City Municipal Council (UCMC), Udupi	
	c.	Wastewater generation in KLD	216KLD	
	d.	STP capacity	240kld	
	e.	Technology employed for Treatment	SBR Technology,	
	f.	Scheme of disposal of excess treated water if any	107 kld excess treated will be disposed off in the UGD of UCMC (Available at Site)	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	Tank of 150 Cu.m capacity	
	b.	No's of Ground water recharge pits	2 recharge pits	
17		Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	▪ Domestic Waste(7 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ▪ Construction Waste – Shall be segregated and reused for refilling within the Project site (Proper facility for storage of construction wastes will be made at Project site). ▪ Plastic waste – to be sold to recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	375kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) and will be used as manure at the Project site	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	300kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable will be sent to Common Solid Waste Management Facility. 75 kg/day - Send to Common Solid Waste Management Facility	

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td></td><td>c.</td><td>Quantity of Hazardous Waste generation and mode of Disposal as per norms</td><td>Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.</td></tr>
<tr><td></td><td>d.</td><td>Quantity of E waste generation and mode of Disposal as per norms</td><td>E waste will be stored at a designated place and sold to registered recyclers.</td></tr>
<tr><td>19</td><td colspan="3">POWER</td></tr>
<tr><td></td><td>a.</td><td>Total Power Requirement - Operational Phase</td><td>1200 KW from MESCOM</td></tr>
<tr><td></td><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>A DG set of 1,000 kVA + A DG set of 500 kVA</td></tr>
<tr><td></td><td>c.</td><td>Details of Fuel used for DG Set</td><td>HSD – 300 l/hr</td></tr>
<tr><td></td><td>d.</td><td>Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines</td><td>▪ Solar panels on the roof tops (approx. 180 numbers generating approx. 90 kW power).
▪ Separate lighting circuit feeders and distribution boards are proposed from raw power circuits.
▪ Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy.
▪ The size of the motor to be kept considering 80% load to obtain highest efficiency performance.
▪ All higher rating motors are proposed with soft starters to save energy during starting and to achieve smooth starting of motor.
▪ 27.24% of Energy will be saved by using LED equipment & Solar Energy</td></tr>
<tr><td>20</td><td colspan="3">PARKING</td></tr>
<tr><td></td><td>a.</td><td>Parking Requirement as per norms</td><td>314 ECS + 80 Two Wheelers</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>LOS :B</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>6 m</td></tr>
<tr><td>21</td><td colspan="2">CER Activities Proposed</td><td><table><tr><th>Sr. No.</th><th>Year</th><th>Activities</th></tr><tr><td>1.</td><td>2023-24</td><td>Public toilet construction /waster facility in Santhekatte Market Area</td></tr><tr><td>2.</td><td>2024-25</td><td>Avenue Plantation & plantation around Rakteshwari Temple Area</td></tr></table></td></tr>
<tr><td>22</td><td colspan="2">EMP
• Construction phase
• Operation Phase</td><td>Construction Phase :Rs: 45Lakhs

Operation Phase
Capital Cost: Rs. 264Lakhs
Recurring Cost: Rs. 31.8Lakhs</td></tr>
</table>

The proposal is for construction of Residential building in an area which is earmarked for mixed use as per Malpe Local Planning Area.

The committee during appraisal sought clarification for harvesting rain water in the proposed area. The proponent informed the committee that for harvesting rain water, they have proposed tanks of 376cum for runoff from rooftop and for runoff from landscape and paved areas 2nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 120 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.8 Birla Residential Development Project at Mylasandra Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Birla Estates Private Limited - Online Proposal No:SIA/KA/INFRA2/406679/202 (SEIAA 152 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Birla Estates Private Limited, No. 10/1, G-2, Pride Elite, Museum Road, Richmond Town, Bengaluru – 560001
2		Name & Location of the Project	Birla Residential Development at Katha No. 355 / Sy. No. 24/2, 353 / Sy. No. 24/3, 354 / Sy. No. 24/4 and 352 / Sy. No. 66/2, (Sy. Nos. 24/2, 24/3, 24/4, and 66/2), Mylasandra Village, KengeriHobli, Bengaluru South Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment& Convenience stores 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 Nala near the West boundary of the project site

6		Plot Area (Sqm)	41,430 Sq.m
7		Built Up area (Sqm)	1,48,388.00 Sq.m
8		FAR • Permissible • Proposed	 2.25 2.249
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Apartment Blocks – 2 Basement + Ground Floor + 33 Upper Floors + Terrace Floor and Clubhouse& Convenience Stores – 2 Basement Floors + Ground Floor + 4 Upper Floors + Terrace Floor
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	800 Flats
11		Height Clearance	AMSL of the project site is 820m; Height allowed as per CCZM Map for Bengaluru is 1035m. Allowed height is 215m. Proposed Height is 115m
12		Project Cost (Rs. In Crores)	315 Crores
13		Disposal of Demolition waste and or Excavated earth	It is estimated that about 66,400 cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 24,900cum shall be stored and used for landscaping. About 12,850cum of excavated soil will be used for leveling and construction of internal roads. About 8,095cum will be used for backfilling and remaining 14,555cum is proposed 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	10,357.5Sq.m
	b.	Kharab Land	13 Guntas (Excluded from Site Area)
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification; 2006	13,700Sq.m
	d.	Internal Roads	17,372.50Sq.m
	e.	Paved area	
	f.	Others Specify	Nil
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
	h.	Total	41,430Sq.m
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site

	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10KLD	
	d.	Waste water generation in KLD	16KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	418KLD
			Recycled	216KLD
			Total	634KLD
	b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	506KLD	
	d.	STP capacity	600KLD 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	525cum	
	b.	No's of Ground water recharge pits	25 Nos.	
17		Storm water management plan	Storm water to be collected in pond of 350cum capacity and excess water to be used to recharge ground water through 25 recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	50kg/day of solid waste shall be disposed through BBMP waste management contractors	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	843kg/day Organic Waste Converter	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1,265kg/day Local Authorized Recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	1000 kg/annum Authorized Agencies	
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/annum Authorized Agencies	
19		POWER		
	a.	Total Power Requirement - Operational Phase	6000KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500KVA x 8No.	
	c.	Details of Fuel used for DG Set	Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 10ppm	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per	a. Timer based External Lights b. BEE Star rated electromechanical systems shall be used in the development	

		ECBC 2007	c. Solar Water Heating systems for top two floors of residential building d. Use of HF ballast for lighting e. Use of LED light fittings f. Building Orientation; Cross Ventilation Total Savings – 23.8%
20		PARKING	
	a.	Parking Requirement as per norms	1200ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS 1st Main Road – A Uttarahalli MainRoad – B
	c.	Internal Road width (RoW)	8m
21		CER Activities	1. Jobs for local people during construction and operation phase. 2. Free Medical check-up camps will be held at Mylasandra and Patanagere Villages 3. Signage on 1st Main Road to avoid accidents. 4. Providing Skill Development facilities 5. Infrastructure creation along 1st Main Road for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 6. Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 161.53 Lakhs Recurring Cost – 15.58 Lakhs/ Annum During Operation Phase: Capital Investment – 439.26 Lakhs Recurring Cost – 75.0 Lakhs/ Annum

The proponent initially submitted an undertaking informing that there was an error in the number of upper floors mentioned as 25 in the original application in PARIVESH Portal instead of mentioning 33 upper floors (i.e2 Basements + Ground Floor + 33 Upper Floors + Terrace Floor) due to errors in calculation of various areas in the development.It was wrongly arrived at 25 Upper Floors with Building Height of 907.78m AMSL (i.e. 85m) for the project without any deduction towards Open to Sky areas viz., Shafts, Ducts, Lift Core, Skylights, Cut Outs etc. The open to sky areas accounted to BUA of 22,506.72Sq.m and the actual built-up area for 25 upper floors would have been 1,27,881.28 Sq.m instead of 1,48,388Sq.m.

Further it was informed that eight typical floors have been added to the proposed development upon rectification of error. The built-up area of the eight additional floors is 22,506.72Sq.m, which is same as the identified error. Thus, there is no change in the proposed built-up area of 1,48,388Sq.m application in PARIVESH.For the present proposal as per the Color-Coded Zonal Map (CCZM) of Airports Authority of India, the permissible height for the project is 1035m AMSL (i.e. 214.22m). The height of buildings in the proposed projectsis 935.78m AMSL (i.e. 115m) after addition of eight upper floors,which is within the permissible / allowed height of the building. The proponent submitted to the committee that the error was unfortunately identified and rectified only after the State Level Expert Appraisal Committee Meeting agenda published and assured that no other

parameter (viz., Layout Plan, Ground Coverage, Building Footprint, Landscaped area, Entry / Exit, Fire Driveways, Ramps, Basements, Car Parking, etc) have changed due to the above error and requested the committee to consider the above changes.

The committee after discussion accepted the change in number of floors, as there is no change in other parameter (viz., Layout Plan, Ground Coverage, Building Footprint, Landscaped area, Entry / Exit, Fire Driveways, Ramps, Basements, Car Parking, etc)and decided to appraise the project incorporating the addition of eight upper floors.

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

The committee during appraisal sought clarification for drain as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that there is a tertiary drain in western side of plot area and a buffer of 15mtrs is provided on either side of the drain as per regulations. For harvesting rain water, the proponent has proposed 525cum capacity of tank/sump for runoff from rooftop and for runoff from landscape andpaved areas 25nos recharge pits within in the plot area have been proposed.

The proponent informed that they have made provisions to grow a total of 650 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.

288.9 Residential Apartment with Club House Building Project at Sy. Nos. 64/1, 64/2, 66/2, 66/3, 66/4, 66/5 of Anjanapura Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. Dhanvi Corporation - Online Proposal No.SIA/KA/INFRA2/401197/2022 (SEIAA 124 CON 2022)

The proponent remained absent without intimation. The committee decided to defer the appraisal of the project.

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

288.10 Construction of Residential Apartment Project"M.R.SERENITY" at Hongasandra Village, Begur Hobli, Bengaluru South Taluk, Bengaluru District by M/s. M.R.Developer - Online Proposal No.SIA/KA/INFRA2/402110/2022 (SEIAA 126 CON 2022)

About the project:

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		**Sri. R. Poornachandra, Authorized Signatory** **M/s. M.R. Developers.,** No.14, Flat No.202, Sai Residency, 18th Main, 1st Cross, Munireddy Layout, Chikkalasandra, Bangalore-560061.
2	Name & Location of the Project		**Construction of Residential Apartment- "M.R. SERENITY"**Khata No.873 Sy No: 120 (Old Sy No.44/2) Hongasandra Village, Begur Hobli, Bengaluru South Taluk, Bengaluru District, Karnataka.
3	Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	**Residential Apartment** **Category 8(a) as per EIA Notification 2006**
	b.	Residential Township/ Area Development Projects	Not Applicable
4	New/ Expansion/ Modification/ Renewal		New
5	Water Bodies/ Nalas in the vicinity of project site		NA
6	Plot Area (Sqm)		7,790.13 Sqm
7	Built Up area (Sqm)		28,519.16 sqm.
8	FAR • Permissible • Proposed		2.25 2.24
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		Block A - B+G+4UF+TF – 14.95 m Block B - G+4UF+TF – 14.95 m
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects		170 units
11	Height Clearance		Low rise structure. Project site elevation – 910m Building Height – 14.95m Maximum building height: 924.95m
12	Project Cost (Rs. In Crores)		50 Crores.
13	Disposal of Demolition waste and or Excavated earth		NA

14	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	3,894.99 Sqm	
	b.	Kharab Land	--	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	1,947.53 Sqm	
	d.	Paved area	-	
	e.	Others Specify	Service and Open areas - 1,948.31 Sqm	
	f.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	g.	Total	**7,790.13 Sqm**	
15	**WATER**			
	I.	Construction Phase		
	a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Wastewater generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	92 KLD
			Recycled	46KLD
			Total	138 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	117 KLD	
	d.	STP capacity	150 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 111KLD (95% of sewage water) For flushing – 46 KLD For Landscape Gardening 10 KLD For car washing- 9 KLD For other construction purpose – 45KLD	
16	Infrastructure for Rainwater harvesting			
	a.	Capacity of sump tank to store Roof run off	350 Cum	
	b.	No's of Ground water recharge pits	10 no's	
17	Storm water management plan		• Storm water to be collected in pond of 100cum capacity and excess water to be used to recharge ground water through 10 recharge pits	
18	**WASTE MANAGEMENT**			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10kg/day Solid waste will be generated and collected	

			manually and handed over to local body for further processing
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –184 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 6.25 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 275kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 500 l/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	**POWER**		
	a.	Total Power Requirement - Operational Phase	BESCOM – 1000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X250KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -27%.
20	**PARKING**		
	a.	Parking Requirement as per norms	207ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards Electronic city – B Towards Kudlu main road – B
	c.	Internal Road width (RoW)	Approach road width – 13.5 m (W)
21	CER Activities		Activities will be undertaken for Haralakunte Village. ▪ Development of rainwater harvesting ▪ Sanitation facility ▪ Construction of recharge pits ▪ Tree plantation Following provide infrastructure to the Govt. High school Haralakunte (Somasandra), Bengaluru:
22	EMP • Construction phase • Operation Phase		Construction phase – 9.65 lakh Operational Phase – 179 lakh

The proposal is for construction of Residential building in an area which is earmarked for residential user as per RMP of BDA.

The committee during appraisal sought clarification for foot kharab as per village mapadjacent to the proposed area. The proponent informed that there is existing road in the foot kahrab area and it's outside the proposed site area. The proponent informed the committee that for harvesting rain water, they have proposed tanks of 350cum for runoff from rooftop and a pond of capacity 100cum for runoff from landscape and paved areas in addition to 10nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 98 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.11 Residential Apartment project at Bhattarahalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Pride And Expert Properties Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/406852/2022 (SEIAA 158 CON 2022)

About the project:

Sl No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Pride And Expert Properties Pvt. Ltd. No. 901, 9th Floor, Pride Hulkul, No.116, Lalbagh Road, Bangalore-560027
2	Name & Location of the Project	Development of Residential Apartment project, Sy.No.21/1, Bhattarahalli Village, Bidarahalli Hobli, Bangalore East Taluk,Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses/Vertical Development / Office /IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	Total site area: 10,386.78 Sqm Net site area for development: 9,425.75 Sqmt
7	Built Up area (Sqm)	51, 374.10 Sqm
8	FAR • Permissible	3.25
	• Propose	3.242

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower1: 2B+G+18UF Tower2: 2B+G+18UF Tower3: B+G+18UF		
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	212 units		
11	Height Clearance	As per CCZM Bangalore permissible height is 980m AMSL and proposed height is 934.95m AMSL		
12	Project Cost (Rs. In Crores)	Rs. 70 Cr.		
13	Disposal of Demolition waste and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 45,200 cum For back filling = 17,000 cum For Landscape= 13,100 cum For Internal Road making =15,100 cum		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	1,903.28 Sqm		
b.	Kharab Land	NA		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,156.13 Sqm		
d.	Internal Roads	5,741.20 Sqm		
e.	Paved area			
f.	Others Specify	(586.17sqm + 374.86Sqm) Road widening Area not considered in plot area.		
g.	Parks and Open space in case of Residential Township/ Area Development Projects			
h.	Total	9,800.61 Sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	BWSSB STP treated water		
b.	Quantity of water for Construction in KLD	25 KLD		
c.	Quantity of water for Domestic Purpose in KLD	3 KLD		
d.	Waste water generation in KLD	2 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	134	
		Recycled	66	
		Total	200	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	180		
d.	STP capacity	180		
e.	Technology employed for	SBR		

		Treatment		
	f.	Scheme of disposal of excess treated water if any	Excess 85 KLD will be used for floor washing, given to nearby construction activities	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	30	
	b.	No's of Ground water recharge pits	10	
17		Storm water management plan	Enclosed in EMP	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	350 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	233 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given toPCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	848 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	320 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 19.83%	
20		PARKING		
	a.	Parking Requirement as per norms	274 ECS	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS C	
	c.	Internal Road width (RoW)	6.0 m	
21		CER Activities	To provide infrastructure facility to nearby Govt. Schools	
22		EMP • Construction phase • Operation Phase	Capital investment	10.0 Lakhs
			During Construction	35.0 Lakhs/annum
			Capital investment	124.0 lakhs
			During operation	40.0 lakhs/annum

The proposal is for construction of Residential building in an area which is earmarked for residential user as per RMP of BDA.

The committee during appraisal sought clarification for foot kharab as per village mapadjacent to the proposed area. The proponent informed that the foot kharab in north east side is left as it is and no development is proposed and free public access to be provided in foot kharab area. The proponent informed the committee that for harvesting rain water, they have proposed tanks of 30cum for runoff from rooftop and a pond of capacity 100cum for runoff from landscape and paved areas in addition to 10nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

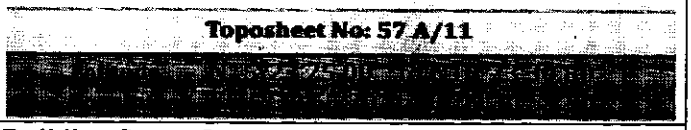
The proponent informed to grow total of 122 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.12 Building Stone Quarry Project at Sangapura Village, Gangavathi Taluk, Koppal District (3-00 Acres) by M/s. Maliyamma Devi Kallu Odeyuvaravara Sangha - Online Proposal No.SIA/KA/MIN/404816/2022 (SEIAA 470 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Maliyamma Devi Kallu Odeyuvaravara Sangha
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 16/1 of Sangapura Village, Gangavathi Taluk, Koppal District (3-00 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]	Government
6	Area in Acres	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	7,000 Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.04 Crores (Rs. 4.0 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	5,22,175 Tones (including waste)

10	Permitted Quantity Per Annum - Cu.m / Ton	7,000Tones/Annum (including waste)
11	**CER Activities:** Shall be spent towards providing solar lamps are given at Govt. Primary school in Sangapura Village.	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & 3.05 Lakhs (Recurring cost)
13	Forest NOC	08.10.2021
14	Quarry plan	18.10.2022
15	Cluster certificate	21.10.2022
16	Revenue NOC	12.08.2021
17	Notification	17.06.2022 (Manual Quarrying)
18	DTF	14.06.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 3-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 200 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 standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,22,175Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 7,000Tones/Annum (including waste)

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

288.13 Building Stone Quarry Project at P. Neralakere Village, NagamangalaTaluk & Mandya District (1-30 Acres) by Smt. A S Prema W/o Late Puttappa - Online Proposal No.SIA/KA/MIN/404105/2022 (SEIAA 467 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. A S Prema W/o Late Puttappa
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 243 of P. Neralakere Village, NagamangalaTaluk,& Mandya District (1-30 Acres)

P. No.	Latitude	Longitude
A	N 12° 48' 23.7"	E 76° 39' 24.1"
B	N 12° 48' 23.3"	E 76° 39' 27.5"
C	N 12° 48' 20.9"	E 76° 39' 27.6"
D	N 12° 48' 21.0"	E 76° 39' 26.9"
E	N 12° 48' 21.2"	E 76° 39' 26.9"
F	N 12° 48' 21.6"	E 76° 39' 24.0"

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	56,122Tones/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	4,37,934 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	55,000Tones/Annum (excluding waste)
11	**CER Activities:** Propose to grow300 No. of additional plantation on either side of the approach road from quarry location to P. Neralakere Village Road	
12	EMP Budget	Rs. 12.85 Lakhs (Capital Cost) &3.05 Lakhs (Recurring cost)
13	Forest NOC	07.06.2022
14	Quarry plan	01.10.2022
15	Cluster certificate	01.10.2022
16	Revenue NOC	03.03.2022
17	Notification	19.09.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 1-30 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 standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,37,934 Tones (including waste) and estimated the life of the quarry to be 8years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 56,112Tones/Annum (including waste).

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

288.21 Pink Granite Quarry Project at Hoolgeri Village, Kushtagi Taluk, Koppal District (4-00 Acres) by Sri Prafulkumar R Halyal - Online Proposal No.SIA/KA/MIN/405181/2022 (SEIAA 496 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 Prafulkumar R Halyal</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Pink Granite Quarry Project at Sy. Nos. 34/1 & 34/3 of Hoolgeri Village, Kushtagi Taluk, Koppal District (4-00 Acres)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15° 56' 56.50121"</td><td>E 76° 03' 25.20612"</td></tr>
<tr><td>B</td><td>N 15° 56' 56.81044"</td><td>E 76° 03' 29.40655"</td></tr>
<tr><td>C</td><td>N 15° 57' 01.00902"</td><td>E 76° 03' 29.60362"</td></tr>
<tr><td>D</td><td>N 15° 57' 00.30053"</td><td>E 76° 03' 25.20093"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Pink Granite Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>4-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>13,000 Cum/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.35 Crores (Rs. 135 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>5,08,955.1 Cum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>3,000 Cum/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td rowspan="2">Providing solar power panels to the GLPS school at Hoolgeri village</td></tr>
<tr><td>2nd</td></tr>
<tr><td>3rd</td><td>Rain water harvesting pits to the GLPS school at Hoolgeri village</td></tr>
<tr><td>4th</td><td rowspan="2">Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>5th</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 31.00 Lakhs (Capital Cost) & Rs. 11.90 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>18.11.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>27.10.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>27.10.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>24.11.2021</td></tr>
<tr><td>17</td><td>DTF</td><td>26.11.2021</td></tr>
</table>

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the lease was granted prior to 09.09.2013 and the total area of remaining leases including the present lease is 7-12 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 320 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,08,955.1Cum(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 13,000 Tones/ Annum (including waste).

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

288.15 Fuchsite Quartzite Quarry Project at Kumminaghatta Village, Holalkere Taluk, Chitradurga District (5-26 Acres) by M/s. Shanbhag Granites (India) Pvt. Ltd. - Online Proposal No.SIA/KA/MIN/406048/2022 (SEIAA 503 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Shanbhag Granites (India) Pvt. Ltd.
2	Name & Location of the Project	Fuchsite Quartzite Quarry Project at Sy. Nos. 59/2, 59/3 & 59/4 of Kumminaghatta village Holalkere Taluk, Chitradurga District (5-26 Acres)
3	Type Of Mineral	Fuchsite Quartzite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-26 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	7,503 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	17,628 Tons(including waste)
10	Permitted Quantity Per Annum -	4,758 Tons/annum (excluding waste)

P. No.	Latitude	Longitude
1	13°58'15.59275"N	76°17'59.95440"E
2	13°58'15.21996"N	76°18'01.65088"E
3	13°58'10.42202"N	76°18'00.56401"E
4	13°58'09.75762"N	76°18'05.96463"E
5	13°58'05.70202"N	76°18'04.88755"E

	Cu.m / Ton	
11	**CER Activities:** Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Kumminaghatta Village Road	
12	EMP Budget	Rs. 35.20 Lakhs (Capital Cost) &24.64 Lakhs (Recurring cost)
13	Forest NOC	10.08.2018
14	Quarry plan	21.10.2022
15	Cluster certificate	27.10.2022
16	Revenue NOC	29.08.2019
17	C & I Notification	26.08.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 5-26 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 90 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 standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 53,508ton(including waste) and estimated the life of the quarry to be 7years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 7,503Tones/Annum (including waste) and flot fuchsite quartzite of 581ton for first year.

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

288.16 Building Stone Quarry Project at Thimmapura Village, Tarikere Taluk & Chikkamagalur District (1-00 Acre) (vide QL No. 512) by Sri V. Ravichandran - Online Proposal No.SIA/KA/MIN/402852/2022 (SEIAA 434 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri V. Ravichandran
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 26(P) of Thimmapura Village, Tarikere Taluk & Chikkamagalur District (1-00 Acre) (vide QL No. 512)
3	Type Of Mineral	Building Stone Quarry

P. No.	Latitude	Longitude
A	N 13°45'27.50"	E 75°46'29.40"
B	N 13°45'29.70"	E 75°46'29.40"
C	N 13°45'29.80"	E 75°46'27.50"
D	N 13°45'27.70"	E 75°46'27.50"

4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	73,640Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.20 Crores (Rs. 20 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,68,200 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	66,276Tones/Annum (excluding waste)
11	**CER Activities:** Propose to grow 500 No. of additional plantation on either side of the approach road from quarry location to Thimmapura Village Road	
12	EMP Budget	Rs. 13.75 Lakhs (Capital Cost) &2.94 Lakhs (Recurring cost)
13	Forest NOC	12.02.2014
14	Quarry plan	20.12.2021
15	Cluster certificate	30.08.2021
16	Revenue NOC	31.01.2014
17	Notification	21.03.2014
18	CCR from KSPCB	01.09.2022

The proposal is for expansion, for which EC was earlier issued by SEIAA on 28.02.2015 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 21.09.2022.

There is an existing cart track road to a length of 2000 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,68,200 tones (including waste) and estimated the life of mine to be 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 73,640tonns/Annum (including waste).

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

288.17 Building Stone Quarry Project at Mallapura Village, Gangavathi Taluk, Koppal District (4-00 Acres) (QL No. 305) by Sri B. Srinivas - Online Proposal No.SIA/KA/MIN/402826/2022 (SEIAA 422 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri B. Srinivas
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 26(P) of Mallapura Village, Gangavathi Taluk, Koppal District (4-00 Acres) (QL No. 305)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,03,878 Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	10,45,622 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,99,800Tones/Annum (excluding waste)
11	**CER Activities:** Propose take up 400 No. of additional plantation on either side of the approach road from quarry location to MallapuraVillage Road	
12	EMP Budget	Rs. 18.25 Lakhs (Capital Cost) &4.93 Lakhs (Recurring cost)
13	Forest NOC	21.04.2016
14	Quarry plan	02.09.2022
15	Cluster certificate	30.04.2022
16	Revenue NOC	02.12.2016

P. No.	Latitude	Longitude
A	N15°29'57.61"	E 76°26'58.61"
B	N15°29'57.11"	E 76°26'02.21"
C	N15°29'53.18"	E 76°26'00.96"
D	N15°29'53.10"	E 76°26'58.13"

The proposal is for renewal and the lease was granted on 13.04.2011, w.e.f 30.12.2010. Proponent had submitted audit report till 2021-22 certified from DMG dated 02.09.2022.

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 strengthening the approach road to the quarry and road leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to grow additional plantation towards, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 10,45,622 Tones (including waste) and estimated the life of the quarry as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,03,878Tones/Annum (including waste)

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

288.18 Ornamental Granite (Grey Granite) Quarry Project at Thipparasanal Village, Kuknoor Taluk, Koppal District (4-16 Acres) by Sri Gopappa Naik - Online Proposal No.SIA/KA/MIN/402945/2022 (SEIAA 423 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Gopappa Naik
2	Name & Location of the Project	Ornamental Granite (Grey Granite) Quarry Project at Sy. Nos. 58/2 & 58/2 of Thipparasanal Village, Kuknoor Taluk, Koppal District (4-16 Acres)
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	4-16 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	6,666 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,48,050Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,000 Cum/Annum (excluding waste)
11	**CER Activities:** Propose to grow 500 No. of additional plantation on either side of the approach road from quarry location to Thipparasanal Village Road	
12	EMP Budget	Rs. 19.50 Lakhs (Capital Cost) &5.50 Lakhs (Recurring cost)
13	Forest NOC	28.02.2020

C.P	Latitude	Longitude
A	N 15°29'50.5"	E 76°02'03.9"
B	N 15°29'51.1"	E 76°02'00.6"
C	N 15°29'51.9"	E 76°01'55.7"
D	N 15°29'53.2"	E 76°01'56.4"
E	N 15°29'54.2"	E 76°01'56.8"
F	N 15°29'53.0"	E 76°02'04.2"

14	Quarry plan	02.08.2022
15	Cluster certificate	18.08.2022
16	Revenue NOC	19.04.2021
17	C & I Notification	07.09.2022
18	DTF	20.04.2021

As per the cluster sketch there is no other lease in a radius of 500mtr from the said lease and the area of the said lease is 1.77 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.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,48,050Cum(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,666 Cum/Annum (including waste).

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

288.19 Building Stone Quarry Project at Tekal Village, Malur Taluk, Kolar District (5-00 Acres) (QL. No- 836) by Sri S. Muniswamy - Online Proposal No.SIA/KA/MIN/406612/2022 (SEIAA 510 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 S. Muniswamy</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 233 of Tekal Village, Malur Taluk, Kolar District (5-00 Acres) (QL. No- 836)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 12° 58' 43.22"</td><td>E 78° 05' 25.05"</td></tr>
<tr><td>B</td><td>N 12° 58' 43.86"</td><td>E 78° 05' 29.34"</td></tr>
<tr><td>C</td><td>N 12° 58' 39.27"</td><td>E 78° 05' 29.83"</td></tr>
<tr><td>D</td><td>N 12° 58' 37.98"</td><td>E 78° 05' 25.52"</td></tr>
<tr><td>REF-Z</td><td>N 12° 58' 42.72"</td><td>E 78° 05' 40.19"</td></tr>
</table></td></tr>
</table>

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	5-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,27,029Tones/Annum (excluding waste) I Year 1,19,468Tones/Annum (excluding waste) II Year 1,11,906Tones/Annum (excluding waste) III Year 1,04,345Tones/Annum (excluding waste) IV Year 96,784Tones/Annum (excluding waste) V Year
8	Project Cost (Rs. In Crores)	Rs. 1.53 Crores (Rs. 153 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	20,53,030 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,20,677Tones/Annum (excluding waste) I Year 1,13,494 Tones/Annum (excluding waste)II Year 1,06,311 Tones/Annum (excluding waste) III Year 99,128 Tones/Annum (excluding waste) IV Year 91,945 Tones/Annum (excluding waste) V Year
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Tekal Village.
2nd	Rain water harvesting pits to Tekal Village.
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	Conducting E-waste drive campaigns in GHPS at Tekal Village.
5th	Health camp in GHPS at Tekal Village.

12	EMP Budget	Rs. 55.12 Lakhs (Capital Cost) & Rs. 8.60 Lakhs (Recurring cost)
13	Forest NOC	27.07.2022
14	Quarry plan	14.11.2022
15	Cluster certificate	14.11.2022
16	Revenue NOC	04.08.2007
17	Audit Report	16.11.2022

The proposal is for renewal and the lease was granted on 25.09.2007. Proponent had submitted audit report till 2021-22 certified from DMG dated 02.09.2022.

There is an existing cart track road to a length of 1090 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to grow additional plantation towards, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 20,53,030 Tones (including waste) and estimated the life of the quarry as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,27,029 Tones/Annum (excluding waste) I Year, 1,19,468 Tones/Annum (excluding waste) II Year, 1,11,906 Tones/Annum (excluding waste) III Year, 1,04,345 Tones/Annum (excluding waste) IV Year, 96,784 Tones/Annum (excluding waste) V Year.

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

288.20 Building Stone Quarry project at Mugalihal village, Savadatti Taluk & Belagavi District (3-10 Acres) by Sri Vijaya Minerals - Online Proposal No.SIA/KA/MIN/405112/2022 (SEIAA 472 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 Vijaya Minerals</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry project at Sy. No. 226 (Part) of Mugalihal village Savadatti Taluk & Belagavi District (3-10 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 16° 04' 29.0"</td><td>E 75° 04' 37.6"</td></tr>
<tr><td>B</td><td>N 16° 04' 28.8"</td><td>E 75° 04' 35.2"</td></tr>
<tr><td>C</td><td>N 16° 04' 33.8"</td><td>E 75° 04' 34.6"</td></tr>
<tr><td>D</td><td>N 16° 04' 32.7"</td><td>E 75° 04' 38.7"</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>3-10 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>82,641 Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.40 Crores (Rs. 40 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>7,42,478 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>75,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: Propose to grow 300 No. of additional plantation on either side of the approach road from quarry location to Mugalihal Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 18.05 Lakhs (Capital Cost) &4.57 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>02.11.2018</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>24.08.2022</td></tr>
</table>

15	Cluster certificate	24.08.2022
16	Revenue NOC	16.11.2018
17	Notification	21.04.2022

As per the cluster sketch there is one more lease in a radius of 500 mtr from the said lease and the total area of the leases including the present lease is 12-10 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 and road leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to grow additional plantation towards, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 7,42,478 Tones (including waste) and estimated the life of the quarry as 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 82,641Tones/Annum (including waste)

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

288.21 Building Stone Quarry Project at Arakere Village, Arasikere Taluk, Hassan District (3-32 Acres) by Sri Shivashankra Swamy M G - Online Proposal No.SIA/KA/MIN/404355/2022 (SEIAA 451 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 Shivashankra Swamy M G</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 180(P) of Arakere village, Arasikere Taluk, Hassan District (3-32 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13°21'17.40"</td><td>E 76°08'10.80"</td></tr>
<tr><td>B</td><td>N 13°21'12.00"</td><td>E 76°08'14.80"</td></tr>
<tr><td>C</td><td>N 13°21'10.80"</td><td>E 76°08'12.80"</td></tr>
<tr><td>D</td><td>N 13°21'15.80"</td><td>E 76°08'08.60"</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 /</td><td>New</td></tr>
</table>

	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	3-32 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,53,263Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	8,63,626 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,198Tones/Annum (excluding waste)
11	**CER Activities:** Propose to grow 400 No. of additional plantation on either side of the approach road from quarry location to Arakere Village Road	
12	EMP Budget	Rs. 17.12 Lakhs (Capital Cost) &4.00 Lakhs (Recurring cost)
13	Forest NOC	19.09.2015
14	Quarry plan	29.10.2022
15	Cluster certificate	10.10.2022
16	Revenue NOC	31.12.2015
17	Notification	29.08.2022

As per the cluster sketch there are 12 leases including the present lease within 500 meter radius from this lease out of which 11 leasesare exempted from cluster as the ECwere granted prior to 15.01.2016 and the area of the present lease is 3-32 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 5100 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 and road leading to crusher as per standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 8,63,626Tons (including waste) and estimated the life of the quarry as 6years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,263Tones/ Annum (including waste).

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

288.22 Building Stone Quarry Project at Nageshanahalli Village,Koppal Taluk & District (3-06 Acres) by Sri G. Venkanna - Online Proposal No.SIA/KA/MIN/405195/2022 (SEIAA 475 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri G. Venkanna
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 19 (P) of Nageshanahalli village Koppal Taluk & District (3-06 Acres)

P. No.	Latitude	Longitude
A	N 15°23'28.526"	E 76°20'53.910"
B	N 15°23'28.540"	E 76°20'54.172"
C	N 15°23'27.243"	E 76°20'54.998"
D	N 15°23'27.985"	E 76°20'59.028"
E	N 15°23'27.047"	E 76°21'00.770"
F	N 15°23'24.849"	E 76°20'53.586"
G	N 15°23'24.924"	E 76°20'52.538"

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	3-06 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	18,5771ones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,89,049 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	18,205Tones/Annum (excluding waste)
11	**CER Activities:** Propose to grow 300 No. of additional plantation on either side of the approach road from quarry location to Nageshanahalli Village Road	
12	EMP Budget	Rs. 23.20 Lakhs (Capital Cost) & 5.60 Lakhs (Recurring cost)
13	Forest NOC	26.02.2021
14	Quarry plan	13.10.2022
15	Cluster certificate	14.10.2022
16	Revenue NOC	24.09.2021
17	Notification	19.10.2021

As per the cluster sketch there is one more lease in a radius of 500 mtr from the said lease and the total area of the leases including the present lease is 7-06 Acres and hence the project is categorized as B2.

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,89,049 Tones (including waste) and estimated the life of the quarry as 27 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 18,577Tones/Annum (including waste)

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

288.23 Building Stone Quarry Project at Sangapura Village, Gangavathi Taluk, Koppal District (3-30 Acres) by M/s. Sree Maruteshwara Kallu Odeyuvaravara Sangha - Online Proposal No.SIA/KA/MIN/405121/2022 (SEIAA 473 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Sree Maruteshwara Kallu Odeyuvaravara Sangha
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 183 of Sangapura Village, Gangavathi Taluk, Koppal District (3-30 Acres) [redacted]
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	3-30 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,000Tones/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.04 Crores (Rs. 4.0 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	5,33,527 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,000Tones/annum(including waste)
11	**CER Activities:** Contribution of solar lamps to Govt. Primary school in Sangapura Village.	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & 3.05 Lakhs (Recurring cost)
13	Forest NOC	01.06.2022
14	Quarry plan	13.09.2022
15	Cluster certificate	14.09.2022
16	Revenue NOC	15.09.2021

17	Notification	30.11.2022 (manual mining)
18	DTF	14.06.2022

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the lease was granted prior to 09.09.2013 and the total area of remaining lease is 3.75 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 920 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 and road leading to crusher as per standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,33,527 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,000Tones/annum (including waste).

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

288.24 Expansion of Building Stone Quarry Project at Nachuru Village, Bramhavara Taluk, Udupi District (1-00 Acre) by Sri Chandrashekar Shetty - Online Proposal No.SIA/KA/MIN/238609/2021 (SEIAA 620 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Chandrashekar Shetty
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy. No. 8 of Nachuru Village, Bramhavara Taluk, Udupi District (1-00 Acre)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government	Government

Corner Point No	Latitude	Longitude
A	N 13° 30' 24.2"	E 74° 53' 14.3"
B	N 13° 30' 24.6"	E 74° 53' 16.1"
C	N 13° 30' 22.3"	E 74° 53' 16.4"
D	N 13° 30' 21.8"	E 74° 53' 14.6"

	Revenue, Gomal, Private / Patta, Other]	
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	15,789 Tones/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.62 Crores (Rs. 62 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,59,965 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	15,789 Tones/annum(including waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Rain water harvesting pits near by GLPS at Nancharu Village
2nd	Providing solar lights to common public places
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	The proponent proposes to distribute nursery plants at Nancharu Village & Strengthening of approach road

12	EMP Budget	Rs. 10.23 Lakhs (Capital Cost) & Rs. 5.95 Lakhs (Recurring cost)
13	Forest NOC	
14	Quarry plan	16.08.2021
15	Cluster certificate	13.10.2021
16	CCR from KSPCB	19.10.2022

The proposal is for expansion, for which EC was earlier issued by DEIAA on 16.02.2017 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 19.10.2022.

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 proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,59,965tones (including waste) and estimated the life of mine to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 15,789 tonns/Annum (including waste).

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

288.25 Expansion of Building Stone Quarry Project at Government Land) Sulthanpur Village, Koppal Taluk, Koppal District (2-00 Acres) by M/s. Srinivas Stone Crusher - Online Proposal No.SIA/KA/MIN/402878/2022 (SEIAA 433 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Srinivas Stone Crusher
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy. No. 27 of Government Land) Sulthanpur Village, Koppal Taluk, Koppal District (2-00 Acres) 
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	1,02,041Tones for 1st year, 1,27,551 Tones for 2nd year, 1,02,041 Tones for 3rd year & 51,020 Tones for 4th year (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.18 Crores (Rs. 18 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,88,574 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000Tones for 1st year, 1,25,000 Tones for 2nd year, 1,00,000 Tones for 3rd year &50,000 Tones for 4th year (excluding waste)
11	**CER Activities:** Desilting & rejuvenation at Kerehalli pond, Drinking water etc.	
12	EMP Budget	Rs. 94.40 Lakhs (Capital Cost) & 39.60 Lakhs (Recurring cost)
13	Forest NOC	24.12.2014
14	Quarry plan	18.08.2022

The proposal is for expansion, for which EC was earlier issued by SEIAA on 08.12.2015 and the proponent submitted audit report till 2021-22 certified by DMG and for the CCR, committee noted that the proponent has not submitted CCR certified by M.S KSPCB, hence the committee after discussion decided to defer the appraisal of the project.

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

288.26 Grey Granite Quarry Project at Channappanahalli Village, Kuknoor Taluk, Koppal District (4-18 Acres) by Sri Kalakappa V. Kambali - Online Proposal No.SIA/KA/MIN/401441/2022 (SEIAA 482 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Kalakappa V. Kambali
2	Name & Location of the Project	Grey Granite Quarry Project at Sy.No. 60/2 of Channappanahalli Village, Kuknoor Taluk, Koppal District (4-18 Acres) **Toposheet No: 57 A/2** Latitude: N15°30'36.154" to N15°30'30.430" Longitude: [illegible]
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	4-18 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,000 Cu.mt for 1st year, 13,334 Cu.mt for 2nd year & 16,666 Cu.mt for three years(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.26 Crores (Rs. 26 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,34,947 Cu.mt(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,000 Cu.mt for 1st year, 4,000 Cu.mt for 2nd year &5,000 Cu.mt for three years(excluding waste)
11	**CER Activities:** To carry out desilting & rejuvenation a Kadur Pond, Drinking water etc.	
12	EMP Budget	Rs. 90.00 Lakhs (Capital Cost) & 36.20 Lakhs (Recurring cost)
13	Forest NOC	16.04.2022
14	Quarry plan	06.09.2022
15	Cluster certificate	08.09.2022
16	Revenue NOC	18.04.2022
17	DTF	26.04.2022
18	LoI	07.07.2022

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the ECwas granted prior to 15.01.2016 and the area of the remaining leases including the present lease is 9-13 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1,700 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.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,34,947Cu.mt(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,000 Cu.mt for 1st year, 13,334 Cu.mt for 2nd year & 16,666 Cu.mt for three years(including waste).

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

288.27 Ordinary Sand Quarry Project at Sy. Nos. 41/1, 41/2, 41/3, 41/4 & 41/5 of Shirur Village, Kuknoor Taluk, Koppal District (12-10 Acres) by Sri Udayakumar L Bevinakatti - Online Proposal No.SIA/KA/MIN/403060/2022 (SEIAA 486 MIN 2022)

The proponent remained absent without intimation. The committee decided to defer the appraisal of the project.

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

288.28 Building Stone Quarry (Block-02) at Nagashanahalli Village, Koppal Taluk, Koppal District (2-00 Acres) by M/s. Kariyammadevi Kallu Odeyuvavara Karmikara Kshemabhivruddhi Sangha - Online Proposal No.SIA/KA/MIN/402114/2022 (SEIAA 484 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Kariyammadevi Kallu Odeyuvavara Karmikara Kshemabhivruddhi Sangha
2	Name & Location of the Project	Building Stone Quarry (Block-02) at Sy.No. 19 of Nagashanahalli Village, Koppal Taluk, Koppal District (2-00 Acres) **Toposheet No: 57 B/11** 
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	18,000 Tones for 1st year, 20,000Tones for 2nd to 5thyear(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.04 Crores (Rs. 4.0 Lakhs)

9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,40,926 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	18,000 Tones for 1st year, 20,000 Tones for 2nd to 5th year(including waste)
11	**CER Activities:** To provide solar lamps are given at Govt. Primary School in Nageshanahalli Village.	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & 3.05 Lakhs (Recurring cost)
13	Forest NOC	26.02.2021
14	Quarry plan	26.09.2022
15	Cluster certificate	26.09.2022
16	Revenue NOC	25.02.2021
17	Notification	05.12.2022
18	DTF	14.06.2022
19	LoI	04.08.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 2-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 200 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 standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,40,926 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 18,000 Tones for 1st year, 20,000 Tones for 2nd to 5th year (including waste).

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

288.29 Ordinary Sand Quarry Project at Jalihal Village, Badami Taluk, Bagalkote District (7-22 Acres) by Sri Prakash T Rathod - Online Proposal No.SIA/KA/MIN/405884/2022 (SEIAA 501 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Prakash T Rathod
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. No.139/2 of Jalihal Village, Badami Taluk, Bagalkote District (7-22 Acres)

		<table><tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr><tr><td>X</td><td>N 15° 49' 30.8"</td><td>E 75° 45' 50.3"</td></tr><tr><td>A</td><td>N 15° 49' 30.8"</td><td>E 75° 45' 49.7"</td></tr><tr><td>B</td><td>N 15° 49' 38.1"</td><td>E 75° 45' 50.0"</td></tr><tr><td>C</td><td>N 15° 49' 41.7"</td><td>E 75° 45' 46.4"</td></tr><tr><td>D</td><td>N 15° 49' 30.8"</td><td>E 75° 45' 46.2"</td></tr></table>
3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	7-22 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	40,000 Tones for first two years & 12,800 Tones for third year (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.47 Crores (Rs. 147 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	92,880 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000 Tones for first two years & 12,800 Tones for third year (including waste)
11	**CER Activities: To provide infrastructure facilities to Govt. School in Jalihal village.** <table><tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr><tr><td>1st</td><td>Providing solar power panels to common public places to the GHPS school at Jalihal Village.</td></tr><tr><td>2nd</td><td>Rain water harvesting pits to the GHPS school at Jalihal Village.</td></tr><tr><td>3rd</td><td></td></tr></table>	
12	EMP Budget	Rs. 36.48 Lakhs (Capital Cost) & Rs. 8.85 Lakhs (Recurring cost)
13	Forest NOC	11.03.2021
14	Quarry plan	18.01.2022
15	Cluster certificate	07.10.2022
16	Revenue NOC	15.03.2021
17	Notification C & I	07.03.2022
18	DTF	13.07.2021

The proposal is for sand quarry project in patta land and as per the DMG letter dated 11.08.2021 there is no river bed sand mining in a radius of 5km from the proposed site area.

As per the cluster sketch there are no other leases within 500 meter radius from this lease and the total area of the present lease is 7-22 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 780 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after asphalting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 92,880 Tones (including waste) and estimated the life of the quarry as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 40,000 Tones for first two years & 12,800 Tones for third year (including waste).

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

288.30 Building Stone Quarry Project at Palikoppa Village, Hubli Taluk, Dharwad District (5-17 Acres) by Sri Gurangouda F Patil - Online Proposal No.SIA/KA/MIN/406930/2022 (SEIAA 511 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Gurangouda F Patil
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.83/1 of Palikoppa Village, Hubli Taluk, Dharwad District (5-17 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	5-17 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,15,789 Tones/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.43 Crores (Rs.143 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	12,30,784 Tones (including waste)

Corner Point No	Latitude	Longitude
1	N 15° 10' 49.44"	E 75° 07' 57.62"
2	N 15° 10' 51.17"	E 75° 07' 01.80"
3	N 15° 10' 53.85"	E 75° 07' 02.5"
4	N 15° 10' 53.75"	E 75° 07' 01.90"
5	N 15° 10' 54.78"	E 75° 07' 01.43"
6	N 15° 10' 54.73"	E 75° 07' 00.16"
7	N 15° 10' 54.41"	E 75° 07' 59.12"
8	N 15° 10' 53.83"	E 75° 07' 58.64"
9	N 15° 10' 53.12"	E 75° 07' 58.67"
10	N 15° 10' 53.09"	E 75° 07' 56.88"
11	N 15° 10' 55.82"	E 75° 07' 56.45"
12	N 15° 10' 55.81"	E 75° 07' 56.16"

10	Permitted Quantity Per Annum - Cu.m / Ton	1,10,000 Tones/annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Palikoppa Village.
2nd	Rain water harvesting pits to Palikoppa Village.
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	Conducting E-waste drive campaigns in GHPS at Palikoppa Village.
5th	Health camp in GHPS at Palikoppa Village.

12	EMP Budget	Rs. 43.27 Lakhs (Capital Cost) & Rs. 8.88 Lakhs (Recurring cost)
13	Forest NOC	09.07.2021
14	Quarry plan	21.10.2022
15	Cluster certificate	16.11.2022
16	Revenue NOC	28.10.2020
17	Notification	07.09.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the there was an old lease which was granted for five years from 23.09.2010 and mining operation had been carried out prior to 2015 and explained that as per the historical images no workings had been carried out since 2015and justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is one more lease in a radius of 500 mtr from the said lease and the total area of the leases including the present lease is 6-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 520 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to grow additional plantation towards, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 12,30,784 Tones (including waste) and estimated the life of the quarry as 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,15,789 Tones/Annum (including waste)

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

288.31 Residential Apartment project at Gunjur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Goyal Hariyana Associates - Online Proposal No.SIA/KA/INFRA2/408093/2022 (SEIAA 166 CON 2022)

About the project:

Sl No.		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. GoyalHariyana Associates, No. 206, 2nd Floor, Barton Centre, M. G. Road, Bangalore- 560 001
2		Name & Location of the Project	Development of Residential Apartment including Club House at Sy. Nos. 20,21,125/4,125/5,126/1,126/5,126/6 and 127/3 ofGunjur Village, VarthurHobli, 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	a. Tertiary Nala is passing adjacent to project site in south east b. lake is present west side
6		Plot Area (Sqm)	Total site area: 29,238.29 sqm. Net site area: 27,465.45 Sqmt.
7		Built Up area (Sqm)	1,46,927.12 sqm
8		FAR • Permissible	3.25
		• Propose	3.25
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building -1: Tower A – 2B+G+28 UF Building -2: Tower B - 2B+G+28 UF Building -3: Tower C - 2B+G+28 UF Building -4: Tower D - 2B+G+28 UF Building -5: Tower E - 2B+G+28 UF and Clubhouse : B+G+3UF
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	919 units
11		Height Clearance	Submitted justification, existing Prestige project at site elevation of 878m MSLand top elevation of 973.00m MSL and proposed project is at a distance of 1km from the existingPresitegeproject is having site elevation of 876m MSL and proposed top elevation of 963m MSL
12		Project Cost (Rs. In Crores)	Rs. 200 Cr.

13	Disposal of Demolition waste and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 105,000 cum For back filling =40,000 cum For Landscape=35,000 cum For Internal Road making = 30,000 cum		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	3,719.49 Sqmt		
b.	Kharab Land	NA		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,066.68 Sqmt		
d.	Internal Roads	15,217.37 Sqmt (55.0%)		
e.	Paved area			
f.	Others Specify	Road widening area of 1772.84Sqm (excluded)		
g.	Parks and Open space in case of Residential Township/ Area Development Projects			
h.	Total	27,465.45 Sqmt		
15	WATER			
I.	Construction Phase			
a.	Source of water	BWSSB STP treated water		
b.	Quantity of water for Construction in KLD	50 KLD		
c.	Quantity of water for Domestic Purpose in KLD	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	430 KLD	
		Recycled	250KLD	
		Total	680 KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	612 KLD		
d.	STP capacity	620 KLD		
e.	Technology employed for Treatment	SBR		
f.	Scheme of disposal of excess treated water if any	Excess 262 KLD will be used for floor washing, given to nearby construction activities		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	2 x 200 m^3		
b.	No's of Ground water recharge pits	20nos		
17	Storm water management plan	Storm water to be collected in tanks of capacity 100cum and 90cum and excess to be used to recharge ground water through 20nos of recharge pits.		
18	WASTE MANAGEMENT			

	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1240 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	826 Kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 Lts/one B check given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 Kg/year given to PCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	4485 kW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 3 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	24.0%	
20		PARKING		
	a.	Parking Requirement as per norms	1011 ECS	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS : C, B	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	Rejuvenation of water body adjacent to project site.	
22		EMP • Construction phase • Operation Phase	Capital investment	25.0 Lakhs
			During Construction	48.0 Lakhs/annum
			Capital investment	310.0 lakhs
			During operation	42.0 lakhs/annum

The proposal is for construction of Residential building in an area which is earmarked for residential user as per RMP of BDA.

The committee during appraisal sought clarification for water body and drain as per village map, proposed provisions for rainwater harvesting and high tension line as per CDP. The proponent informed that as per village map there is a water body in North West side and 30mtr buffer is proposed from the edge of water body and 15mtr buffer is proposed from the center to the tertiary drain in south east. For harvesting rain water, they have proposed two tanks of 200cum for runoff from rooftop and additional tanks of 100cum and 90cum capacity for runoff from landscape and paved areas in addition to 20nos recharge pits proposed within the project site area and for H/T line a buffer of 9mtrs is proposed. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 343 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

88.32 Residential Apartment Project at Including Club House (610 Units) at Pattandur Agrahara Village, K.R.Puram Hobli, Banaglore East Taluk, Bangalore Urban District by M/s. Kalyani Tech Park Private Limited - Online Proposal No.SIA/KA/INFRA2/400857/2022 (SEIAA 120 CON 2022)

About the project:

Sl No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Kalyani Tech Park Private Limited., 165/2, Krishnaraju Layout, Doraisanipalya Bannerghatta Road,Bangalore-560076
2	Name & Location of the Project	Development of Residential Apartment including Club House At Sy No.120 and 133, PattandurAgraharaVillage, K. R. Puram Hobli, Bangalore East Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	26,567.43 Sqmt
7	Built Up area (Sqm)	1,37,020.8 Sqmt
8	FAR • Permissible	3.6 (including TDR)
	• Propose	3.48 (including TDR)
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1,2,3 :2B+G+24UF Building 4 : 2B+G+2UF

10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	610 Units		
11	Height Clearance	Submitted justification, Whitefield project at a distance of 0.8Km has obtained NoC from HAL dated 19.12.2019 for top elevation of 986.32 MSL and proposed project is having top elevation of 963.6m MSL.		
12	Project Cost (Rs. In Crores)	Rs. 200 Cr.		
13	Disposal of Demolition waste and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 82,000 cum For back filling =28,000 cum For Landscape=22,000 cum For Internal Road making = 32,000 cum		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	4,790.44 Sqm		
b.	Kharab Land	NA		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,970.1 Sqmt		
d.	Internal Roads	12,478.6 Sqmt		
e.	Paved area			
f.	Others Specify	Civic amenity area – 1,328.30 Sqmt		
g.	Parks and Open space in case of Residential Township/ Area Development Projects			
h.	Total	26,567.43 Sqmt		
15	WATER			
I.	Construction Phase			
a.	Source of water	BWSSB STP treated water		
b.	Quantity of water for Construction in KLD	50 KLD		
c.	Quantity of water for Domestic Purpose in KLD	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	325 KLD	
		Recycled	175 KLD	
		Total	500 KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	450 KLD		
d.	STP capacity	460 KLD		
e.	Technology employed for Treatment	SBR		
f.	Scheme of disposal of excess treated water if any	Excess 175 KLD will be used for floor washing, given to nearby construction activities		

16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	160 m3	
	b.	No's of Ground water recharge pits	13	
17		Storm water management plan	Storm water to be collected in tank of capacity 160cum and excess to be used to recharge ground water through 13nos of 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	623 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	935 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	75-150 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	250 kg/year given to PCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	2500 kW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 5 Nos. and 250 KVA X 1 No.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 27.4%	
20		PARKING		
	a.	Parking Requirement as per norms	810	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	Rejuvenation of lake in souther side of the project.	
22		EMP • Construction phase • Operation Phase	Capital investment	30.0 Lakhs
			During Construction	62.0 Lakhs/annum
			Capital investment	565.0 lakhs
			During operation	52.0 lakhs/annum

The proposal is for construction of Residential building in an area which is earmarked for industrial user as per RMP of BDA, for which the proponent informed that residential use is permitted asancillary land use as per RMP of BDA.

The committee during appraisal sought clarification for drain as per village map, proposed provisions for rainwater harvesting. The proponent informed that as per village map there is a tertiary drain in western side and a buffer of 15mtr is left from the center of the drain. For harvesting rain water, they have proposed tank of 160cum for runoff from rooftop andan additional tank of 160cum capacity for runoff from landscape and paved areas in addition to 13nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 332 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.33 Expansion of Pharmaceutical Formulations facility Project at Budihal Village, BudihalPanchayath, Nelamangala Taluk, Bengaluru Rural District by M/s. Somerset Therapeutics Limited - Online Proposal No.SIA/KA/MIS/289159/2022 (SEIAA 116 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Somerset Therapeutics Limited
2	Name & Location of the Project	M/s. Somerset Therapeutics Limited Sy. Nos.54, 54/2A, 54/2B, 54/2C, 55/1, 56, 62/1A, 62/1B, 62/1C, 62/2A, 62/2B, 62/3, 62/4, 62/4A1, 62/4A2, 62/4A3, 62/4B, 62/4C, 62/5, 62/5A1, 62/5A2, 62/5A3, 62/5B and 62/5C of Budihal Village, Budihal Panchayath, Nelamangala Taluk, Bangalore Rural District.
3	Type of Development	Expansion of Pharmaceutical Formulation facility Category 8(a) as per EIA Notification.
a.	Residential Apartment /Villas / Row Houses /Vertical Development / Office/IT/ ITES/ Mall/ Hotel/ Hospital /other	
b.	Residential Township/ Area Development Projects	Not applicable
4	New/ Expansion/ Modification/ Renewal	Expansion

5	Water Bodies/ Nalas in the vicinity of project site	Huralihalli lake is located adjacent to site boundary towards South direction.
6	Plot Area (Sqm)	61,593.1 sq m
7	Built Up area (Sqm)	Existing Facility - 19,498.94 sq m Expansion Proposal - 42,706.82 sq m Total - 62,205.76 sq m
8	FAR • Permissible • Proposed	 2.50 0.98
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	a) Existing Block 1 – Ground + 1st Floor + 2nd Floor + 3rd Floor. b) Existing Block 2 – Ground + 1st Floor + 2nd Floor. c) Proposed Block 3 – Lower Ground + Upper Ground + 1st Floor + 2nd Floor.
10	Number of units/plots in case of Construction/ Residential Township /Area Development Projects	Not applicable
11	Height Clearance	Low rise structure.
12	Project Cost (Rs. In Crores)	Existing - Rs. 183 Crores Proposed – Rs. 234 Crores Total Project cost – Rs. 417 Crores
13	Disposal of Demolition wastes and or Excavated earth	The total built-up area of proposed demolition for canteen block about 1140 sq m and Proposed Block 2 existing walls will be cut open at required location to access the expanded space of the block the total area will be about 300 sq m. • For canteen block demolition – 1140 sq m x 400 kg /sq m = 4,56,000 kgs • For Block 2 Repair – 300 sq m x 45 kg / sq m = 13,500 kgs • Total demolition debris – 4,69,500 kgs or say 469.5 Tons or say 470 Tons. Salvage value recovery will be done and the debris generated will be used for roads/ Paved area formation activity within the site.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	24,859.88sq m
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the Schedule of the EIA notification, 2006	20,378.12sq m
d.	Internal Roads	15,788sq m
e.	Paved area	
f.	Others Specify	Area left for road widening : 567.1sq m

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not applicable	
	h.	Total	61,593.1sq m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Tertiary treated water	
	b.	Quantity of water for Construction in KLD	15 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in Existing Combined Effluent Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	287 KLD
			Recycled	a) Process recycled – 312 KLD b) ETP – 409 KLD
			Total	1008 KLD
	b.	Source of water	Borewell permission dated 30.12.2020 and rainwater	
	c.	Waste water generation in KLD	Trade effluent – 339 KLD Domestic Sewage – 52 KLD	
	d.	ETP &STP capacity	ETP Capacity – 400 KLD STP capacity – 80 KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactorfor STP Effluents will be treated with three stage RO, MEE and followed by ATFD.	
	f.	Scheme of disposal of excess treated water if any	STP - Toilet flushing and landscape development ETP – recycled to process	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	200 cum	
	b.	No's of Ground water recharge pits	The Runoff from the Paved and Landscape area will be conveyed to Rain water Pond.	
17		Storm water management plan	Collected in rain water collection pond of 3700 cum	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 kg/day The domestic wastes will be segregated, collected at a common designated place and will be disposed through Piggery.	
	II.	Operational Phase		

<table>
<tr><td></td><td>a.</td><td>Quantity of Biodegradable waste generation and mode of Disposal as per norms</td><td>83 kg/day
Presently, domestic solid waste (Food waste) from canteen is disposed through Piggery. Composting of organic waste through Vermi Composting is proposed once the expansion proposal is in operation.</td></tr>
<tr><td></td><td>b.</td><td>Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms</td><td>126 kg/day
In-organic waste is given to recyclers.</td></tr>
<tr><td></td><td>c.</td><td>Quantity of Hazardous Waste generation and mode of Disposal as per norms</td><td>
<table>
<tr><th>Sl. No</th><th>Type of HW as per process stream as notified in Schedule I, II & IV as per 2016 amended rules</th><th>Hazardous waste Category no.</th><th>Authorization Quantity</th><th>Proposed Quantity</th><th>Total After Expansion</th><th>Disposal Method</th></tr>
<tr><td>1</td><td>Used spent oil</td><td>5.1</td><td>0.5 KLPA</td><td>3 KLPA</td><td>3.5 KLPA</td><td>Recyclers</td></tr>
<tr><td>2</td><td>Waste Residues Containing Oil</td><td>5.2</td><td>1.5 MTPA</td><td>8 MTPA</td><td>9.5 MTPA</td><td>Incinerator</td></tr>
<tr><td>3</td><td>Off specification Products</td><td>28.4</td><td>20 MTPA</td><td>50 MTPA</td><td>70 MTPA</td><td>Incinerator</td></tr>
<tr><td>4</td><td>Date Expiry Products</td><td>28.5</td><td>8 MTPA</td><td>50 MTPA</td><td>58 MTPA</td><td>Incinerator</td></tr>
<tr><td>5</td><td>Empty barrels/ containers/liners contaminated with hazardous chemicals /wastes</td><td>33.1</td><td>5 MTPA</td><td>20 MTPA</td><td>25 MTPA</td><td>Incinerator</td></tr>
<tr><td>6</td><td>ETP Sludge/MEE Salt</td><td>35.3</td><td>8 MTPA</td><td>50 MTPA</td><td>58 MTPA</td><td>Incinerator</td></tr>
</table>
</td></tr>
<tr><td></td><td>d.</td><td>Quantity of E waste generation and mode of Disposal as per norms</td><td>e Waste will be segregated, collected and stored at a designated place and will be handed over to authorized recyclers</td></tr>
<tr><td>19</td><td colspan="3">POWER</td></tr>
<tr><td></td><td>a.</td><td>Total Power Requirement - Operational Phase</td><td>Existing – 1.5mVA
Proposed Expansion – 4.5 mVAfrom BESCOM</td></tr>
<tr><td></td><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td><u>Existing Facility</u>
Boiler - 4 and 6 TPH
DG Sets - 2 x 600 kVA and 1000 kVA
Laboratory Fume Cubboard
<u>Proposed Facility</u>
DG sets - 2 x 1010 KVA
Laboratory Fume Cubboard
Filling section
Canister destruction section
Isolator section</td></tr>
<tr><td></td><td>c.</td><td>Details of Fuel used for DG Set</td><td>DG Sets - Diesel
Boiler – Briquettes
Consumption is 126 l/hr, 212 l/hr, 212 l/hr for each DG set of600, 1000, 1010 kVA.</td></tr>
<tr><td></td><td>d.</td><td>Energy conservation plan and Percentage of savings including</td><td>Total savings of 20%</td></tr>
</table>

		plan for utilization of solar energy as per ECBC 2007	
20		PARKING	
	a.	Parking Requirement as per norms	120 ECS, 500 two wheelers and 2 trucks
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS - 'B'
	c.	Internal Road width (RoW)	6 m wide driveway is proposed
21		CER Activities	Rejuvenation of adjacent water body.
22		EMP • Construction phase • Operation Phase	• Construction phase capital cost– Rs. 140 Lakhs • Operation phase capital cost – Rs. 71.5Lakhs

The proposal is for expansion in BUA of pharmaceutical formulation facility. As the Formulation activity is not covered under the ambit of EC as per EIA Notification 2006, the committee appraised the project as Building and Construction project as scheduled in category 8(a) as per EIA Notification 2006.

The proponent informed that for the existing facility they had obtained CFO from KSPCB dated 30.10.2021 for BUA of 19,498.94sqm and now proposed for BUA of 62,205.79Sqm in existing plot area of 61,593.20Sqm. The proponent justified the existing BUA of 19,498.94Sqm from architect certificate dated 24.09.2022.

The committee during appraisal sought clarification for water body as per village map, TGR catchment area and provisions for harvesting rain water in the proposed area. The proponent informed the committee that there is a waterbody in southern side of the plot and a buffer of 30mtr is left from the edge of water body. For TGR catchment area, proponent informed that the proposed project is located in Zone I of TGR catchment area, where in the proposed activity is permitted. For harvesting rain water, the proponent has proposed 200cum capacity of tank for runoff from rooftop and a pond of capacity 3700cum for the runoff from landscape and also informed that for the Hight tension line a buffer of 16mtr on either sides of H/T line is proposed in the site. The committee informed the proponent, to make provisions for additional plantation towards highway so as to control odour and as green energy initiative, to install solar panels instead of wind energy and the proponent agreed for all.

The proponent informed that they have made provisions to grow a total of 785trees 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.

288.34 Residential Development Adarsha primrose Project at Gunjur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Akarsh Dwellings Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/403857/2022 (SEIAA 144 CON 2022)

About the project:

SL. NO.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Akarsh Dwellings Private Limited, No. 2/4, Langford Gardens, Richmond town, Bengaluru- 560 025.
2	Name & Location of the Project	"Adarsh Primrose" Proposed Residential DevelopmentAt Survey. Nos. 76/1 & 82,Gunjuru Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township /Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/Nalas in the vicinity of project site	• Tertiary drain in the centre of the plot area. • Gunjur Palya Lake - Adjacent to the project site in the North-West
6	Plot Area (Sqm)	9,813.68 Sqmt (2 Acres 17 Guntas)
7	Built Up area (Sqm)	39,051. 81 Sqmt
8	FAR • Permissible • Proposed	2.25 2.8 (Included TDR)
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 wings : 2B+G+14UF clubhouse : G+1UF
10	Number of units/plots in case of Construction /Residential Township /Area Development Projects	220 units and a clubhouse
11	Height Clearance	NOC has been obtained from HAL dated 22.10.2022
12	Project Cost (Rs. In Crores)	Rs. 75.66 Crores
13	Disposal of Demolition waste and or Excavated earth	There is no demolition waste from the project site as the project site is vacant land. The generated entire excavated earth is proposed to be re-use for backfilling, landscaping, road & walkways and site formation. Total Excavated Earth - 32,110 Cum Back Filling in foundation - 6,550 Cum For landscaping - 11,300 Cum

		Roads and walkways - 7,370 Cum For Site Formation - 6,890 Cum		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	2,896.44 Sqmt		
b.	Kharab Land	404.68 Sqmt		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,520.08 Sqmt		
d.	Internal Roads	--		
e.	Paved area	1,895.11 Sqmt		
f.	Others Specify	Road widening area - 97.37 Sqmt		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--		
h.	Total	9,813.68 Sqmt		
15	WATER			
I.	Construction Phase			
a.	Source of water	Nearby project STP treated water for construction purpose and External authorized tanker for domestic purpose.		
b.	Quantity of water for Construction in KLD	7 KLD		
c.	Quantity of water for Domestic Purpose in KLD	3 KLD		
d.	Waste water generation in KLD	2.9 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	The Sewage generated will be handed over to BWSSB Treatment Plant through authorized vendors.		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	112 KLD	
		Recycled	57 KLD	
		Total	169 KLD	
b.	Source of water	BWSSB		
c.	Waste water generation in KLD	161 KLD		
d.	STP capacity	170 KLD		
e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology		
f.	Scheme of disposal of excess treated water if any	For Flushing - 57 KLD For Landscaping – 27 KLD To UGD/Soft bio-pond – 69 KLD		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	60 Cum & 70 Cum		
b.	No's of Ground water recharge pits	3 Nos. deep recharge wells		
17	Storm water management plan	The roof runoff will be collected in roof rain water collection sumps of capacity 60 Cum & 70 Cum; run-off from the hardscape will be collected in the storm water collection sump of capacity 30 cum and will be used for secondary		

		purposes after pre-treatment. The run-off from the softscape will be recharged through 3 No's. of deep recharge wells.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Solid waste generated from the project is 15 kg/day, which will be collected manually and handed over to authorized recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	479 kg/day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	319 kg/day. Non-biodegradable Wastes will be given to the waste recyclers.	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 0.6 l/hr. 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	2,385 kVA/2,027 kW	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	625 kVA X 2 Nos.	
c.	Details of Fuel used for DG Set	262 l/hr	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	• Solar water heaters & lightings • PHE pumps & Lifts • Cu wound transformer • HF ballast • LED Total Energy Savings: 21%	
20	PARKING		
a.	Parking Requirement as per norms	292 ECS	
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing traffic / Modified by adding traffic from the project / Changed Scenario after Road Widening
		Approach Road	B / B / B
		Gunjur Doddakannelli Main Road	C / C / B
c.	Internal Road width (RoW)	Provided as per Fire Norms	
21	CER Activities	Rejuvenation of Gunjuru Palya Lake and to Government High School, Gunjuru	

22	EMP • Construction phase • Operation Phase	During Construction: Capital investment – 1.0 lakhs Recurring cost – 15.0 lakhs/ annum During operation Capital investment – 106.6 lakhs Recurring cost – 20.5 lakhs/ annum

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

The committee during appraisal sought details for water body and drain as per village map, sensitive zone as per RMP of BDA and provisions made for harvesting rain water. The proponent informed the committee that there is water body in northwest side of the project and a buffer of 30mtr from edge is proposed and for the tertiary drains inside the plot area, buffer of 15mtr on either sides is provided. The proponent informed that they had obtained sensitive zone clearance from BDA dated 16.07.2021. For harvesting rain water, the proponent has proposed tanks of 60cum and 70cum capacity for runoff from rooftop and an additional tank of 30cum for runoff from landscape and paved areas in addition to 3 nos deep recharge wells within the project area. Further the committee informed the proponent to install smart water meter to individual units for conservation of water, for which the proponent agreed.

The proponent informed that they have made provisions to grow total of 118 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 condition to abide by the conditions implied in sensitive zone clearance.

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

288.35 Residential Apartment Project at Nallurahalli Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Desai Developers - Online Proposal No.SIA/KA/INFRA2/406671/2022 (SEIAA 157 CON 2022)

About the project:

Sl No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Desai developers, Beside Whitefield Global School, Spring Valley Layout, Channasandra Main Road, Whitefield, Bangalore-560067
2	Name & Location of the Project	Development of Residential Apartment project, SY. NO.43/1P, 44/1P and 44/2 of Nallurahalli Village, K.R.PuramHobli, 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	Nallurahalli lake is around 600 mts towards North side and SeelavanthaKere is around 450 mts towards Southern side.
6		Plot Area (Sqm)	Total Site area : 8,346.57 Sqmt Net site area: 8,220.11 Sqmt
7		Built Up area (Sqm)	28818.54 Sqm
8		FAR • Permissible	2.25
		• Propose	2.249
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+14UF+Terrace
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	180 units
11		Height Clearance	As per CCZM Bangalore, permissible top elevation is 928m AMSL and proposed top elevation is 917.95m AMSL
12		Project Cost (Rs. In Crores)	Rs. 70 Cr.
13		Disposal of Demolition waste and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 23,000 cum For back filling =10,000 cum For Landscape=6,000 cum For Internal Road making =7,000 cum
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	1,516.7 Sqmt
	b.	Kharab Land	126.46 Sqmt
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Green belt area is 3500 Sqm (both in Mother earth and podium 1246.57 +2253.43 sqm 41.12%)
	d.	Internal Roads	3329.87 Sqm (40.31%)
	e.	Paved area	
	f.	Others Specify	Kharab area:126.46 Sqmt
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	
	h.	Total	8,220.11 Sqmt
15		WATER	

I.	Construction Phase			
a.	Source of water	BWSSB STP treated water		
b.	Quantity of water for Construction in KLD	25 KLD		
c.	Quantity of water for Domestic Purpose in KLD	3 KLD		
d.	Waste water generation in KLD	2 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	81 KLD	
		Recycled	41KLD	
		Total	122KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	98KLD		
d.	STP capacity	98KLD		
e.	Technology employed for Treatment	SBR		
f.	Scheme of disposal of excess treated water if any	Excess 37KLD will be used for floor washing, given to nearby construction activities		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	50 cum		
b.	No's of Ground water recharge pits	15nos		
17	Storm water management plan	Storm water to be collected in tank of capacity 100cum and excess to be used to recharge ground water through 10nos of 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	243 kg/day converted in to organic manure and used for garden		
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	162 kg/day given to PCB authorized recycler		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	80ltr given to PCB authorized recycler		
d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/year given to PCB authorized recycler		
19	POWER			
a.	Total Power Requirement - Operational Phase	720 kW		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 KVA X 2 Nos.		
c.	Details of Fuel used for DG Set	Low Sulphuric diesel		

	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 23.61%	
20		PARKING		
	a.	Parking Requirement as per norms	200ECS	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C	
	c.	Internal Road width (RoW)	8.0 m	
21		CER Activities	Infrastructure development by constructing additional room to NallurahalliGovt School	
22		EMP • Construction phase • Operation Phase	Capital investment	10.0 Lakhs
			During Construction	35.0 Lakhs/annum
			Capital investment	136.0 lakhs
			During operation	40.0 lakhs/annum

The proposal is for construction of Residential building in an area which is earmarked for industrial high-tech user as per RMP of BDA, for which the proponent informed that residential use is permitted as ancillary land use as per RMP of BDA.

The committee during appraisal sought clarification for drain as per village map, proposed provisions for rainwater harvesting. The proponent informed that as per village map there is a tertiary drain in western side and as per Chief Engineer Storm water Division, Bangalore letter dated 17.07.2022, it has mentioned that the drain in the western side is a lead off drain and do not attracts buffer, but the kharab area to be left as it is. For harvesting rain water, they have proposed tank of 50cum for runoff from rooftop and an additional tank of 100 cum capacity for runoff from landscape and paved areas in addition to 10 nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water and to carry out additional plantation in the kharab area, for which the proponent agreed.

The proponent informed to grow total of 104 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to leave the drain kharab portion as it is without carrying out any construction activities.

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

288.36 Residential Apartment Project at Whitefiled Village, KR Puram Hobli, Bangalore East Taluk, Bangalore Urban District by Sri Maniar Mohammed Ghiase - Online Proposal No.SIA/KA/INFRA2/400099/2022 (SEIAA 150 CON 2022)

About the project:

Sl No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Maniar Mohammed Ghiase , No 482, 100 feet Road, 1st Stage Indiranagar, Bangalore-560038.
2	Name & Location of the Project	Residential Apartment including Club House of at Sy No.6/1A and 6/1B, Whitefield Village, K.R. Puram Hobli, Banaglore 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	NA
6	Plot Area (Sqm)	12,115.27 sqm
7	Built Up area (Sqm)	54,151.36 sqm
8	FAR • Permissible	3.0
	• Propose	3.0
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower A to D: 1 Basement +Ground+14 Upper Floors Club House :Ground +1st Floors+ Terrace
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	270 units
11	Height Clearance	As per CCZM Bangalore permitted 928m AMSL and proposed is 928m AMSL
12	Project Cost (Rs. In Crores)	Rs. 100 Cr.
13	Disposal of Demolition waste and or Excavated earth	Demolition waste - 5,00cum Demolition debris will be given to the KSPCB authorized vendor for further process. Quantity of Excavated earth – 27,000 cum For back filling =12,000 cum For Landscape=9,000 cum For Internal Road making =6,000 cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,968.0 Sqm
b.	Kharab Land	NA

	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,090.0 Sqm	
	d.	Internal Roads	6,057.0 Sqm	
	e.	Paved area		
	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects		
	h.	Total	12,115.27 sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	154 KLD
			Recycled	60KLD
			Total	214 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	171KLD	
	d.	STP capacity	175 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 86KLD will be used for floor washing, given to nearby construction activities	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	150 cum	
	b.	No's of Ground water recharge pits	11nos	
17		Storm water management plan	Storm water to be collected in tank of capacity 189cum and excess to be used to recharge ground water through 11nos of recharge pits.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	486 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	324 kg/day given to PCB authorized recycler	

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	30- 80 l given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	75 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1000 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 KVA X 1 No.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 21.0%
20		PARKING	
	a.	Parking Requirement as per norms	331 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C
	c.	Internal Road width (RoW)	8.0 m
21		CER Activities	To provide infrastructure facilities and additional room of nearby Govt School
22		EMP • Construction phase • Operation Phase	Capital investment: 15.0 Lakhs During Construction: 37.0 Lakhs/annum Capital investment: 340.0 lakhs During operation: 45.0 lakhs/annum

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

The committee during appraisal sought details of provisions for rainwater harvesting. The proponent informed that for harvesting rain water, they have proposed tank of 150cum for runoff from rooftop and an additional tank of 189cum capacity for runoff from landscape and paved areas in addition to 11nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 151 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.37 Residential Development Project at Chikkabettahalli Village, Yelahanka Hobli, Yelahanka Taluk, Bengaluru Urban District by M/s. Concorde Housing Corporation Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/406861/2022 (SEIAA 163 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**Mr. B.S Nesara and Mr.R.G.Anil** **Directors** M/s. Concorde Housing Corporation Pvt.Ltd. #46, Concorde Techno Park, 1st main, 3rd Phase J.P Nagar, Bengaluru-560078
2	Name & Location of the Project	**"Constrction of Residential Apartment"** Survey No. 26/1 & 26/2 of Chikkabettahalli Village, Yelahanka Hobli, Yelahanka taluk, Bengaluru.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	Not Applicable
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	29,339.46 Sqm
7	Built Up area (Sqm)	85,727.73 Sqm
8	FAR • Permissible • Proposed	2.25 2.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A = 2B+G+17UF Block B to E = 2B+G+16UF Club house = GF+ 2UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Project consists of 606 units
11	Height Clearance	As per CCZM Bangalore Permitted top elevation 1035m AMSL Proposed Top elevation 972.5 m AMSL
12	Project Cost (Rs. In Crores)	149Crores.
13	Disposal of Demolition waste and or Excavated earth	NA
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4,279.30 Sqm

	b.	Kharab Land	1,011.71Sqm	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	10,132.84 Sqm	
	d.	Paved area	4,903.34 Sqm	
	e.	Others Specify	• Road widening area-210.4Sqm • Net site area for development - 28,117.32Sqm • Civic amenity -1405.87Sqm • Parking area - 2,811.73Sqm • Podium landscape: 2,648.23	
	f.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	g.	**Total**	29,339.46 Sqm	
15		**WATER**		
	I.	Construction Phase		
	a.	Source of water	BWSSB	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Wastewater generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in Mobile STP.	
	II.	**Operational Phase**		
	a.	Total Requirement of Water in KLD	Fresh	280 KLD
			Recycled	142 KLD
			Total	422 KLD
	b.	Source of water	BWSSB (NOC is obtained)	
	c.	Wastewater generation in KLD	359 KLD	
	d.	STP capacity	410 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 341 KLD (85% of sewage water) For flushing – 142 KLD For Landscape Gardening 51 KLD For car washing- 30 KLD For other construction– 118 KLD	
16		Infrastructure for Rainwater harvesting		
	a.	Capacity of sump tank to store Roof run off	260 Cum	
	b.	No's of Ground water recharge pits	32no's	
17		Storm water management plan	Storm water to be collected in tank of capacity 150cum and excess to be used to recharge ground water through 32nos of recharge pits.	

18		WASTE MANAGEMENT	
	I.	**Construction Phase**	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10kg/day Solid waste will be generated and collected manually and handed over to local body for further processing
	II.	**Operational Phase**	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –599 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 18 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 899kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 0.864kg/day will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19		**POWER**	
	a.	Total Power Requirement - Operational Phase	BESCOM – 1946 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3X200KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -22%.
20		**PARKING**	
	a.	Parking Requirement as per norms	667ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS B,C
	c.	Internal Road width (RoW)	Approach road width – 12.5m
21		CER Activities	Rejuvenation and beautification of Vaderahalli Lake.
22		EMP • Construction phase • Operation Phase	Construction phase – 13.61 lakh Operational Phase – 334 lakh

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

The committee during appraisal sought clarification for drain, water body as per village map and of provisions for rainwater harvesting. The proponent informed that for the tertiary drain in south a buffer of 15mtr is proposed from center of the drain and 30mtrs buffer for the water body in western side. For harvesting rain water, they have proposed tank of 257cum for runoff from rooftop anda pond of 150cum capacity for runoff from landscape and paved areas in addition to 32nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 366 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.38 Expansion of Commercial & Residential Building Villas 'ROYAL TULIP VILLAS' Project at Gudigattanahalli Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban District by M/s. Whitehill Properties LLP - Online Proposal No.SIA/KA/INFRA2/406125/2022 (SEIAA 162 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. Anji Reddy Mettu (Owner) Address: #76, Pembroke Layout, Panathur, Bangalore 560 095
2	Name & Location of the Project	Name:"Royal Tulip Villas" – Addition of villas in existing ongoing project (Villas plus a commercial Block) Location:Sy. Nos. 49/1, 117/1, 117/2, 118/1, 118/2, 118/3, 125/1, 126/1, 126/2 of Gudigattanahalli Village, SarjapuraHobli, Anekal Taluk, Bangalore- 562125
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Villas with a Commercial Block Category 8(a) as per EIA Notification.
b.	Residential Township/ Area Development Projects	Not applicable

Sl. No	PARTICULARS	INFORMATION
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	58,679.42Sqm(Excluding Kharab Land)
7	Built Up area (Sqm)	78,091.35Sqm
8	FAR • Permissible • Proposed	 5.25 2.507
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Villa: G + 2 Floors + Terrace Floor Commercial Building of G + 3 Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	352 units
11	Height Clearance	Low rise structure
12	Project Cost (Rs. In Crores)	Rs. 150 Cr.
13	Disposal of Demolition waste and or Excavated earth	▪ No cut and fill activities are proposed as the earth worth involved will be for foundation only. The topsoil will be used for horticulture. 330 Cum of excavated earth including constructionand demolition waste which will be utilized for leveling of site and construction of internal roads.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	22,395.05 Sq.m
b.	Kharab Land	1,618.72 Sq.m
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	12,361.31Sq.m
d.	Internal Roads	17,087.67Sq.m (29.12%)
e.	Paved area	
f.	Others Specify	Surface Parking area: 1,812.25 (3.09%) Area for Civic amenities: 2,933.97 (5%)
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	58,679.42Sq.m (Excluding Kharab Land)
15	WATER	
I.	Construction Phase	
a.	Source of water	Treated water supply from local water Tankers
b.	Quantity of water for Construction in KLD	38 KLD
c.	Quantity of water for Domestic Purposes in KLD	2KLD
d.	Wastewater generation in KLD	1.8KLD

Sl. No	PARTICULARS	INFORMATION	
e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours are provided and disposal of sewage will be directed to mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	195KLD
		Recycled	250KLD
		Total	445KLD
b.	Source of water	GramaPanchayath Supply	
c.	Wastewater generation in KLD	257KLD	
d.	STP capacity	270KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	Zero liquid discharge as total treated water will be utilized in flushing, miscellaneous washing, landscaping and sprinkling.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	Pond of 60 Cum capacity	
b.	No's of Ground water recharge pits	354 Recharge pits	
17	Storm water management plan	Storm water to be collected in tank of capacity 60cum and excess to be used to recharge ground water through 354nos of recharge pits.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	▪ Domestic Waste(5 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ▪ Construction & Demolition Waste –330 Cu.mreused for levelling and construction of internal roads. ▪ Plastic waste – to be sold to recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	489kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) and will be used as manure at the Project site	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	391kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable will be sent to Common Solid Waste Management Facility. 98 kg/day - Send to Common Solid Waste Management Facility	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from the DG sets (occasional) shall be sold to registered waste oil recyclers.	
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste will be stored at a designated place and sold to registered recyclers.	
19	POWER		
a.	Total Power Requirement -	1200 KW from BESCOM	

Sl. No	PARTICULARS	INFORMATION
	Operational Phase	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 DG sets of 750 kVA each
c.	Details of Fuel used for DG Set	HSD – 300 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	▪ Sound design of Project for maximum natural ventilation and illumination. ▪ Design of each villa shell and terrace flooring for solar insulation. ▪ Space for Solar PVs on the terrace of each villa Use of better specification illuminators, activity specific luminaries, LED illuminators and solar lights as far as practicable. ▪ Separate lighting circuit feeders and distribution boards are proposed. ▪ Energy efficient motors and transformers, LEDs, Solar lights, solar water heaters etc. Total savings of 25.95% of energy saving proposed.
20	PARKING	
a.	Parking Requirement as per norms	409 ECS + 100 Two Wheelers
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS E&F
c.	Internal Road width (RoW)	6 m& 7 m
21	CER Activities	

Sr. No	Year	Activities
1.	2023-24	Avenue plantation in front of the project site
2.	2024-25	Beautification and embarkment of Lake at entrance of the main road to project site
3.	2025-26	Installation of Solar street lights on Main road to project site (upto 750m length)
4.	2026-28	Beautification and embarkment development of Nala/lake of Gudighattanahalli lake

22	EMP • Construction phase • Operation Phase	Construction Phase: Rs. 71.76Lakhs Operation Phase: Rs. 178.6Lakhs capital cost and 23.65Lakhs recurring cost

The proposal is for expansion of residential project in area earmarked for industrial use as per Anekal Planning Authority, for which the proponent informed that they have obtained land conversion orders from DC.

The proponent informed that for the existing construction they had obtained CFE from KSPCB dated 24.08.2021 for BUA of 19,550sqm and now proposed for BUA of 78,091.35Sqm in plot area of 58,679.42Sqm and informed that presently they had constructed BUA of 19,007.12Sqm and justified the existing BUA of from architect certificate.

The committee during appraisal sought clarification forcart track as per village map, and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the cart track kharab of 9Guntas passing in the center of the plot is left as it is and free public access to be provided for the same. For harvesting rain water, the proponent has proposed 60cum capacity of pond for runoff from rooftop and for the runoff from landscapeareas 352 number of recharge pits proposed within the site area.Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed that they have made provisions to grow a total of 740trees 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 cart track portion.

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

288.39 Residential Apartment Project at Hulimangala Village, Jigani Hobli, Anekal Taluk, Banglore Urban District by M/s.Mahendra Arto Limited Liability - Online Proposal No.SIA/KA/INFRA2/407632/2022 (SEIAA 159 CON 2022)

About the project:

Sl No.		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	M/s. MahendraArto Limited Liability Partnership, Plot No. 51, K B Royal, R S Gardens Layout, Bommasandra, Bangalore-99
2		Name & Location of the Project	Development of Residential Apartment project Sy Nos. 275/1, 275/2,Hulimangala Village, JiganiHobli, Anekal Taluk, Bangalore
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA

6	Plot Area (Sqm)			15,288.77 Sqmt
7	Built Up area (Sqm)			81,492.47 Sqmt
8	FAR • Permissible			3.6(including TDR)
	• Propose			3.59 (including TDR)
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]			Tower A&B : 2B+G+38UF+Terrace
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects			444 units
11	Height Clearance			Obtained AAI NoC dated 01.12.2022
12	Project Cost (Rs. In Crores)			Rs. 85 Cr.
13	Disposal of Demolition waste and or Excavated earth			No Demolition waste Quantity of Excavated earth – 34,000 cum For back filling = 15,000 cum For Landscape =8,000 cum For Internal Road making =11,000 cum
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area			3,057.05 Sqm
b.	Kharab Land			NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006			3,363.52 Sqm
d.	Internal Roads			8,868.20 Sqm
e.	Paved area			
f.	Others Specify			NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects			
h.	Total			15,288.77 Sqmt
15	WATER			
I.	Construction Phase			
a.	Source of water			BWSSB STP treated water
b.	Quantity of water for Construction in KLD			25 KLD
c.	Quantity of water for Domestic Purpose in KLD			3 KLD
d.	Waste water generation in KLD			2 KLD
e.	Treatment facility proposed and scheme of disposal of treated water			Mobile sewage Treatment Plant
II.	Operational Phase			
a.	Total Requirement of Water in KLD		Fresh	233 KLD
			Recycled	117KLD
			Total	350KLD
b.	Source of water			BWSSB
c.	Wastewater generation in KLD			315KLD
d.	STP capacity			315KLD

	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 162 KLD will be used for floor washing, given to nearby construction activities	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	60cum	
	b.	No's of Ground water recharge pits	13nos	
17		Storm water management plan	Storm water to be collected in tank of capacity 250cum and excess to be used to recharge ground water through 13nos of 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	600 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	400 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	100 l given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	75 kg/year given to PCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	1780 kW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	625 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 21.84%	
20		PARKING		
	a.	Parking Requirement as per norms	450	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS C	
	c.	Internal Road width (RoW)	8.0 mtr	
21		CER Activities	Beautification of Rachenahalli lake and for infrastructure development of nearby Govt Schools	
22		EMP • Construction phase • Operation Phase	Capital investment	15.0 Lakhs
			During Construction	37.0 Lakhs/annum
			Capital investment	178.0 lakhs
			During operation	40.0 lakhs/annum

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

The committee during appraisal sought details of provisions for rainwater harvesting. The proponent informed that for harvesting rain water, they have proposed tank of 60cum for runoff from rooftop and an additional tank of 250cum capacity for runoff from landscape and paved areas in addition to 13nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 191 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.40 Residential Apartment Project at Old Sy.Nos. 37/8(P), 37/9, 37/10 & New Sy. Nos.144(P), 145, 146 of Munnekolalu Village, Bangalore East Taluk, Bangalore Urban District by Sri Shankar Reddy M B - Online Proposal No.SIA/KA/INFRA2/407841/2022 (SEIAA 160 CON 2022)

The proponent remained absent without intimation. The committee decided to defer the appraisal of the project.

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

288.41 Building Stone Quarry Project at Bingapur Village, Hanagal Taluk, Haveri District (4-00 Acres) by M/s. Ammapur Infrastructure Pvt. Ltd. - Online Proposal No.SIA/KA/MIN/403185/2022 (SEIAA 509 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Ammapur Infrastructure Pvt.Ltd.
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.28/A of Bingapur Village, Hanagal Taluk, Haveri District (4-00 Acres) Lattitude / Longitude N14°50'41.89" / E75°13'38.02" N14°50'45.02" / E75°13'40.17" N14°50'42.86" / E75°13'42.47" N14°50'43.57" / E75°13'43.29" N14°50'42.50" / E75°13'44.43" N14°50'39.48" / E75°13'42.33"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal. Private / Patta, Other]	Government
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	3,21,053 Tones/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	6,54,383 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,05,000Tones/Annum (excluding waste)
11	**CER Activities:** Plantations,Maintenance of both side of belagalpet water pond. . Check Dam proposed	
12	EMP Budget	Rs. 15.70 Lakhs (Capital Cost) &13.28 Lakhs (Recurring cost)
13	Forest NOC	03.04.2022
14	Quarry plan	09.11.2022
15	Cluster certificate	09.11.2022
16	Revenue NOC	08.04.2022
17	C & I Notification	15.09.2022
18	DTF	23.03.2022

As per the cluster sketch there are 09 leases including the present lease within 500 meter radius from this lease out of which 06 leasesare exempted from cluster as the ECwere granted prior to 15.01.2016 and the area of the present lease is 6-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 500 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 6,54,383Tons (including waste) and estimated the life of the quarry as 2years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,21,053 Tones/ Annum (including waste) and with a condition to implement mine closure plan after completion of lease period.

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

288.42 Building Stone Quarry Project at Kurki Village, Anagodu Hobli, Davanagere Taluk, Davanagere District (1-07 Acres) by Sri B. Sunith Kumar - Online Proposal No.SIA/KA/MIN/405489/2022 (SEIAA 498 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 B. Sunith Kumar</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos. 29/2 & 29/14 of Kurki Village, Anagodu Hobli, Davanagere Taluk, Davanagere District (1-07 Acres)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 14° 22' 35.4077"</td><td>E 75° 59' 22.3859"</td></tr>
<tr><td>B</td><td>N 14° 22' 37.0196"</td><td>E 75° 59' 25.8920"</td></tr>
<tr><td>C</td><td>N 14° 22' 37.1105"</td><td>E 75° 59' 26.2140"</td></tr>
<tr><td>D</td><td>N 14° 22' 35.9131"</td><td>E 75° 59' 26.7080"</td></tr>
<tr><td>E</td><td>N 14° 22' 34.4051"</td><td>E 75° 59' 22.8664"</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>1-07 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>25,510Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.08 Crores (Rs. 108 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>5,25,891 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>25,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GHPS school at Kurki village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to the GHPS school at Kurki village</td></tr>
<tr><td>3rd</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>4th</td><td rowspan="2">Conducting E-waste drive campaigns in GHPS at Kurki village.</td></tr>
<tr><td>5th</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 34.90 Lakhs (Capital Cost) & Rs. 7.04 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>26.09.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>02.11.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>08.12.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>09.09.2022</td></tr>
<tr><td>17</td><td>Notification</td><td>05.10.2022</td></tr>
</table>

As per the cluster sketch there are 11 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the lease was granted prior to 09.09.2013 and one lease of extent 1-00Acre is only notified and the total area of remaining leases including the present lease is10-11 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 and road leading to crusher as per IRC norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,25,891Tones (including waste) and estimated the life of the quarry to 21 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 25,510Tones/annum(including waste).

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

288.43 Building Stone Quarry Project at Kolhara Village, Kolhara Hobli, Kolhara Taluk, Vijaypur District (4-00 Acres) by Sri Iliyas B Girangav - Online Proposal No.SIA/KA/MIN/406033/2022 (SEIAA 502 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Iliyas B Girangav
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 700/7 of Kolhara Village, Kolhara Hobli, Kolhara Taluk, Vijaypur District (4-00 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	4-00 Acres

Corner Point No	Latitude	Longitude
A	N 16° 27' 37.31"	E 75° 39' 17.85"
B	N 16° 27' 37.08"	E 75° 39' 19.64"
C	N 16° 27' 27.77"	E 75° 39' 18.00"
D	N 16° 27' 27.43"	E 75° 39' 19.90"

7	Annual Production (Metric Ton / Cum) Per Annum	52,632Tones/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	11,59,777 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	50,000Tones/Annum (excluding waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Kolhara Village.
2nd	Rain water harvesting pits to the GHPS school at Kolhara Village.
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	Conducting E-waste drive campaigns in GHPS at Kolhara Village.
5th	Health camp in GHPS at Kolhara Village.

12	EMP Budget	Rs. 42.38 Lakhs (Capital Cost) & Rs. 7.07 Lakhs (Recurring cost)
13	Forest NOC	06.09.2022
14	Quarry plan	17.07.2022
15	Cluster certificate	15.07.2022
16	Revenue NOC	05.08.2022
17	Notification	07.10.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 4-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 670 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 IRC norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 11,59,777 Tones (including waste) and estimated the life of the quarry to be 22years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 52,632Tones/Annum (including waste)

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

288.44 Building Stone Quarry Project at Arakere Village, Arasikere Taluk, Hassan District (7-20 Acres) by Sri Ramesh M D - Online Proposal No.SIA/KA/MIN/405015/2022 (SEIAA 487 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 Ramesh M D</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No.182/2A of Arakere Village, Arasikere Taluk, Hassan District (7-20 Acres)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>BP-A</td><td>N 13° 21' 14.9"</td><td>E 76° 07' 58.6"</td></tr>
<tr><td>BP-B</td><td>N 13° 21' 15.7"</td><td>E 76° 08' 01.6"</td></tr>
<tr><td>BP-C</td><td>N 13° 21' 07.2"</td><td>E 76° 08' 00.8"</td></tr>
<tr><td>BP-D</td><td>N 13° 21' 04.8"</td><td>E 76° 07' 56.4"</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>7-20 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>1,89,474 Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.83 Crores (Rs. 183 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>38,44,399 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>1,80,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to GHPS school at Arakere village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits GHPS school at Arakere village</td></tr>
<tr><td>3rd</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td></tr>
<tr><td>4th</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>5th</td><td>Health camp in GHPS school at Arakere village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 67.24 Lakhs (Capital Cost) & Rs. 10.42 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>07.03.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>28.10.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>28.10.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>09.06.2022</td></tr>
<tr><td>17</td><td>Notification</td><td>27.10.2022</td></tr>
</table>

As per the cluster sketch there are 10 leases including the present lease within 500 meter radius from this lease out of which 09 leasesare exempted from cluster as the ECwere granted prior to 15.01.2016 and the area of the remaining leases including the present lease is 7-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1040 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 leading to crusher as per IRC norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 38,44,399Tons (including waste) and estimated the life of the quarry as 21years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,89,474 Tones/ Annum (including waste).

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

288.45 Building Stone Quarry Project at Sangapura Village, Gangavathi Taluk, Koppal District (2-20 Acres) by M/s.Siddarameshwara Bhovi Vaddara Kshemabhivruddhi Seva Sangha - Online Proposal No.SIA/KA/MIN/404362/2022 (SEIAA 466 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>M/s.Siddarameshwara Bhovi Vaddara KshemabhivruddhiSeva Sangha</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 16/1 of Sangapura Village, Gangavathi Taluk, Koppal District (2-20 Acres)
<table>
<tr><th>Boundry Points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>N-15°23'18.1"</td><td>E-76°30'38.1"</td></tr>
<tr><td>2</td><td>N-15°23'18.2"</td><td>E-76°30'42.5"</td></tr>
<tr><td>3</td><td>N-15°23'20.1"</td><td>E-76°30'42.3"</td></tr>
<tr><td>4</td><td>N-15°23'20.2"</td><td>E-76°30'36.5"</td></tr>
<tr><td>5</td><td>N-15°23'18.5"</td><td>E-76°30'36.7"</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>
</table>

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	12,000Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.03 Crores (Rs. 3.0 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,22,724 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	12,000 Tones/Annum (including waste)
11	**CER Activities:** Providing solar lamps are given at Govt. Primary school in Sangapura village.	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) &3.05 Lakhs (Recurring cost)
13	Forest NOC	08.10.2021
14	Quarry plan	18.10.2022
15	Cluster certificate	21.10.2022
16	Revenue NOC	12.08.2021
17	Notification	29.10.2021 (Manual mining)
18	DTF	14.06.2022

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease out of which 02 leasesare exempted from cluster as the leases were granted prior to 09.09.2013 and the total area of present lease is 2-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 920 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after stregthening the approach road to the quarry and road leading to crusher as per standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,22,724 Tones (including waste) and estimated the life of the quarry to be 19 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 12,000 Tones/annum(including waste).

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

288.46 Building Stone (M-Sand) Quarry Project at K K Koppa Village, Belagavi Taluk & District (2-00 Acres) by M/s. Fortune Mines & Minerals - Online Proposal No.SIA/KA/MIN/408409/2022 (SEIAA 528 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>M/s. Fortune Mines & Minerals</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone (M-Sand) Quarry Project at Sy. No. 134/2 of K. K. Koppa Village, Belagavi Taluk & District (2-00 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15°46'43.93"</td><td>E 74°35'16.90"</td></tr>
<tr><td>B</td><td>N 15°46'46.65"</td><td>E 74°35'17.61"</td></tr>
<tr><td>C</td><td>N 15°46'45.00"</td><td>E 74°35'18.96"</td></tr>
<tr><td>D</td><td>N 15°46'44.89"</td><td>E 74°35'19.64"</td></tr>
<tr><td>E</td><td>N 15°46'42.77"</td><td>E 74°35'18.82"</td></tr>
<tr><td>F</td><td>N 15°46'42.51"</td><td>E 74°35'19.42"</td></tr>
<tr><td>G</td><td>N 15°46'41.60"</td><td>E 74°35'18.98"</td></tr>
<tr><td>H</td><td>N 15°46'42.35"</td><td>E 74°35'16.22"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone (M-Sand) 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>2-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>71,429Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.30 Crores (Rs. 30 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>4,14,504 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>70,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To provide drinking water facility to near by Govt. School and To grow 300 No. of additional plantation on either side of the approach road from quarry location to K K Koppa Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 14.60 Lakhs (Capital Cost) &3.56 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>25.10.2019</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>17.09.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>17.11.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>08.11.2019</td></tr>
<tr><td>17</td><td>Notification</td><td>16.09.2022</td></tr>
</table>

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 2-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 780 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,14,504 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 71,429Tones/Annum (including waste)

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

288.47 Building Stone Quarry Project at Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (3-12 Acres) (QL.No - 2706) by M/s. Nanjundappa Construction - Online Proposal No.SIA/KA/MIN/406611/2022 (SEIAA 522 MIN 2022): Expansion.

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>M/s. Nanjundappa Construction</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 25 of Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (3-12 Acres) (QL.No - 2706)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 18'06.40"</td><td>E 77° 13'41.40"</td></tr>
<tr><td>B</td><td>N 13° 18'05.90"</td><td>E 77° 13'43.60"</td></tr>
<tr><td>C</td><td>N 13° 18'07.30"</td><td>E 77° 13'44.20"</td></tr>
<tr><td>D</td><td>N 13° 18'07.10"</td><td>E 77° 13'45.30"</td></tr>
<tr><td>E</td><td>N 13° 18'03.20"</td><td>E 77° 13'43.80"</td></tr>
<tr><td>F</td><td>N 13° 18'02.60"</td><td>E 77° 13'41.20"</td></tr>
<tr><td>G</td><td>N 13° 18'00.80"</td><td>E 77° 13'41.00"</td></tr>
<tr><td>H</td><td>N 13° 18'00.70"</td><td>E 77° 13'40.00"</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]	Government
6	Area in Acres	3-12 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,11,111Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.32 Crores (Rs. 132 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	28,07,424 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000Tones/Annum (excluding waste)
11	**CER Activities:**	

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

12	EMP Budget	Rs. 48.85 Lakhs (Capital Cost) & Rs. 23.85 Lakhs (Recurring cost)
13	Quarry plan	08.11.2022
14	Cluster certificate	21.10.2022
15	Notification	28.06.2021
16	DTF	21.09.2022

The proposal is for expansion, for which EC was earlier issued by SEIAA on 17.07.2019 and for CCR for earlier EC, proponent informed that no working is carried out after lease grant and justified the same with DMG audit report dated 23.11.2022

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 28,07,424tones (including waste) and estimated the life of mine to be 25 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,11,111tonns/Annum (including waste).

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

288.48 Building Stone Quarry Project at Pala Village, Kalaburagi Taluk, Kalaburagi District (10-16 Acres) by Sri Prabhudev - Online Proposal No.SIA/KA/MIN/211286/2021 (SEIAA 251 MIN 2021)

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 Prabhudev</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy.No.24/1 of Pala Village, Kalaburagi Taluk, Kalaburagi District (10-16 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 17°17'20.2"</td><td>E 76°56'07.90"</td></tr>
<tr><td>B</td><td>N 17°17'21.9"</td><td>E 76°56'11.00"</td></tr>
<tr><td>C</td><td>N 17°17'24.0"</td><td>E 76°56'14.40"</td></tr>
<tr><td>D</td><td>N 17°17'14.0"</td><td>E 76°56'15.60"</td></tr>
<tr><td>E</td><td>N 17°17'14.4"</td><td>E 76°56'12.60"</td></tr>
<tr><td>F</td><td>N 17°17'14.2"</td><td>E 76°56'11.90"</td></tr>
<tr><td>G</td><td>N 17°17'14.1"</td><td>E 76°56'10.90"</td></tr>
<tr><td>H</td><td>N 17°17'17.1"</td><td>E 76°56'11.80"</td></tr>
<tr><td>I</td><td>N 17°17'16.9"</td><td>E 76°56'08.10"</td></tr>
<tr><td>J</td><td>N 17°17'17.9"</td><td>E 76°56'08.40"</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>10-16 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>1,02,202Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.90 Crores (Rs. 90 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>38,97,397 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>1,00,158Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To grow1650 No. of additional plantation on either side of the approach road from quarry location to Pala Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 26.15 Lakhs (Capital Cost) & Rs. 6.25 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>03.03.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>19.03.2021</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>24.03.2021</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>29.11.2019</td></tr>
<tr><td>17</td><td>Notification</td><td>08.03.2021</td></tr>
</table>

The proposal was earlier considered in 278th SEAC meeting and the committee had deferred the project as the proponent remained absent.

In the present meeting the committee as per the cluster sketch noted that there are 02 leases including the present lease within 500 meter radius from this lease out of which 01 lease is exempted from cluster as the lease was granted prior to 09.09.2013 and the total area of remaining lease is 10-16Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 573 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 38,97,397 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,02,202 Tones/annum(including waste).

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

288.49Building Stone Quarry Project at Ajjappanahalli Village, Tumkur Taluk, Tumkur District (12-00 Acres) by M/s. Sri Vinayaka Crusher - Online Proposal No.SIA/KA/MIN/226269/2021 (SEIAA 413 MIN 2021)

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>M/s. Sri Vinayaka Crusher</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 14 of Ajjappanahalli Village, Tumkur Taluk, Tumkur District (12-00 Acres)
<table>
<tr><th colspan="3">BLOCK-01</th></tr>
<tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>N 13° 23'49.0"</td><td>E 77° 08'27.2"</td></tr>
<tr><td>2</td><td>N 13° 23'51.3"</td><td>E 77° 08'38.0"</td></tr>
<tr><td>3</td><td>N 13° 23'53.8"</td><td>E 77° 08'37.5"</td></tr>
<tr><td>4</td><td>N 13° 23'51.9"</td><td>E 77° 08'28.4"</td></tr>
<tr><th colspan="3">BLOCK-02</th></tr>
<tr><th colspan="2">Latitude</th><th>Longitude</th></tr>
<tr><td colspan="2">N 13° 24'03.9"</td><td>E 77° 08'42.2"</td></tr>
<tr><td colspan="2">N 13° 23'55.2"</td><td>E 77° 08'40.6"</td></tr>
<tr><td colspan="2">N 13° 23'56.6"</td><td>E 77° 08'38.0"</td></tr>
<tr><td colspan="2">N 13° 24'04.4"</td><td>E 77° 08'38.8"</td></tr>
</table></td></tr>
</table>

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	12-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,83,675 Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.73.5 Crores (Rs. 73.5 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	9,47,682 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,83,675 Tones/Annum (including waste)
11	**CER Activities:** To grow 1800 No. of additional plantation on either side of the approach road from quarry location to Ajjappanahalli Village Road	
12	EMP Budget	Rs. 30.65 Lakhs (Capital Cost) & Rs. 6.85 Lakhs (Recurring cost)
13	Quarry plan	01.07.2021
14	Cluster certificate	27.07.2021
15	Notification	24.06.2015
16	CCR from KSPCB	01.04.2022

The proposal was earlier considered in 285th SEAC meeting and the committee had deferred the project as the proponent remained absent.

In the present meeting, proponent informed that the proposal is for expansion, for which EC was earlier issued by SEIAA on 17.12.2015 and had obtained CCR for earlier EC from KSPCB dated 01.04.2022 and submitted audit report certified by DMG till 2018-19.

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 proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road, for which the proponent agreed.

The committee noted that the audit report was submitted till 2018-19 and informed the proponent to submit audit report certified by DMG till 2021-22, for which the proponent requested some time for submission of audit report. Hence the committee after discussion decided to defer the appraisal until submission of the details sought.

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

288.50 Havanuru Sand Block Project at Havanuru Village, Haveri Taluk, Haveri District (11-00 Acres) by M/s. Hutti Gold Mines Company Limited Kormangala Bangalore - Online Proposal No.SIA/KA/MIN/226869/2021 (SEIAA 421 MIN 2021)

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>M/s. Hutti Gold Mines Company Limited Kormangala Bangalore</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Havanuru Sand Block Project at Sy. Nos. 282 & 286 of Havanuru Village, Haveri Taluk, Haveri District (11-00 Acres)
<table>
<tr><th>Points</th><th>Longitude</th><th>Latitude</th></tr>
<tr><td>A</td><td>E-75° 41' 32.23"</td><td>N-14° 51' 34.59"</td></tr>
<tr><td>B</td><td>E-75° 41' 34.11"</td><td>N-14° 51' 31.63"</td></tr>
<tr><td>C</td><td>E-75° 41' 22.26"</td><td>N-14° 51' 22.80"</td></tr>
<tr><td>D</td><td>E-75° 41' 20.14"</td><td>N-14° 51' 24.75"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Havanuru Sand Block Project</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>GovernmentLand</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>11-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>45,939 Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.75 Crores (Rs. 75 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>45,939 Tons (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>41,346 Tons/ Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>CER Activities</th></tr>
<tr><td>2022-23</td><td>Afforestation on either side of T. B river south of Havanur S B for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
<tr><td>2024-25</td><td>Afforestation on both side of T. B river south of Havanur S B for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 3.25 Lakhs (Capital Cost) & Rs. 0.75 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>18.12.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>07.12.2020</td></tr>
<tr><td>15</td><td>Cluster Certificate</td><td>27.07.2021</td></tr>
<tr><td>16</td><td>Notification</td><td>17.08.2020</td></tr>
<tr><td>17</td><td>DTF</td><td>13.08.2020</td></tr>
<tr><td>18</td><td>JIR Depth</td><td>3mtrs (29.04.2022)</td></tr>
<tr><td>19</td><td>Irrigation NoC</td><td>21.04.2022</td></tr>
<tr><td>20</td><td>LoI</td><td>06.12.2020</td></tr>
</table>

The proposal was earlier considered in 283rd and 286th meeting. In 283rd the committee had deferred the project for want of clarification for the compliant received and in 286th meeting as the proponent had not circulated material to the committee members the committee had deferred the project.

In the present meeting, the proponent submitted point wise clarification as below for the complaint received on 11.08.2022 by premakumar123@mail.com,

1. *This proposal is granted at Havanur village where in there are many running sand blocks which are not included in the cluster. Those river sand blocks were issued to PWD and Karnataka Neervari Nigama Limited. As proof we can see the approach road which is already existing in the site (refer google image). List of all the leases in the cluster of the river stretch must be obtained from DMG*

   The proponent submitted cluster sketch from DMG dated 27.07.2021and informed that as per cluster sketch no other lease within 500mtr radius of the said lease.

2. *There are pockets of water inside the site as per google image which shows that there has been illegal sand mining inside the site which has to be accounted in the quarry plan and drone survey must be done to ascertain the level of mining. It also indicates that the depth of sand is not more than 1m. Most of the area inside the site as per google image is completely covered by water. (please refer attachment)*

   The proponent informed that during site inspection by DMG some illegal mining was noticed in the proposed area, but HGML will carry out mining only after the replenishment. And also in JIR the resource of sand available is upto 3mtr depth. HGML intended to carry out mining only when there is no flowing water.

3. *The river width itself at the southern portion of the proposed site is 238m and only 7.5 buffer is left inside the site but as per the MoEF&CC sand mining guidelines 10% of the river width must be left from all sides of the river bank which is cover half the southern portion as the southern portion is vey near to the river bed*

   The proponent informed width of river is 317.5mtrs and as per sand mining guidelines 32.4mtrs(10.2%) is left from the river bank and the same is approved by DMG.

4. *Land use as shown in the approved quarry plan is having total extent 11.00 acres but if we calculate area under quarry + safety zone + others total will be 10.9 acres not 11 acres. Remaining 0.1 acres must be accounted for and modified quarry plan must be approved and uploaded in portal*

   The proponent submitted land use pattern and informed that the mining plan area is 9.11Acres instead of 9.01Acres.

5. *The plates are not signed by Senior geologist /Deputy Director, DMG only seal is put*
   The proponent submitted plates signed by Senior Geologist of DMG.

6. *As per village map there is "ooru"/house holds within 50m from the site and hence proper buffer as per KMMCR is not left during preparation of the sketch*
   The proponent informed that sketch was prepared by DMG and approved by District Sand Monitoring Committee as per Sand Mining Policy and KMMCR Guildelinges.

7. *As per topo sheet uploaded and approved from DMG the falls outside the Haveri District limits and hence the mining plan and other documents must also be vetted by the Vijayanagar District*
   The proponent informed that the lease area Notification was signed by DC and as per DMG approved copy, the Havanur Sand Block is a part of Haveri District.

8. *Replenishment study is not uploaded in the portal. Approved Replenishment study from DMG must be uploaded in the portal to verify the rate of replenishment.*
The proponent submitted the DMG approved Replenishment studies.

9. *In form 1 and prefeasibility report and approval letter the proponent has written that the site is at SY No 282 & 286 but it is not at it is opposite to sy no 282 & 286. The full application including the quarry plan approval letter must be revised and uploaded.*

The proponent requested to consider as opposite to Sy. Nos. 282 and 286.

And for the complaint received on 13th October 2022 by parisaraarakshanaavedike@gmail.com proponent replied as below,

1. *If we observe google image we can see that the block is inside the adjacent river bank without giving any buffer this will cause erosion of the bank and obstruct the natural flow of the river.*

   The proponent informed the the M/s HGML has maintained buffer zone of 7.5mtrs safety zone from the block boundary and the mining to be restricted within the boundary.

   The committee, upon obtaining above clarification for the observations made in mail, the committee after discussion accepted the clarifications and appraised the project.

   As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 11-00 Acres and hence the project is categorized as B2.

   There is an existing cart track road to a length of 710 meters connecting the lease area to the all weather black topped roadand the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard normsand the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for sand mining as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out instream miningand the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of April 2020 and May 2019 showing dry weather flow and informed the committee mining operations to be carried out only in dry weather conditions.

   The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. In the proposed project, the proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

   The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 45,939Tonnes per annum (including waste) as per the approved quarry plan, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an

annual production of 45,939 Tons/ Annum (including waste)for 5 years, after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and adhere by the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022.

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

288.51 Ordinary Sand Quarry Project at Sy.Nos.129/1, 2, 3, 4, 5 & 6 of Hebballi Village, Badami Taluk, Bagalkote District (9-14 Acres) by Sri Ramappa Y Sullannavar - Online Proposal No.SIA/KA/MIN/253593/2022 (SEIAA 194 MIN 2020)

The proposal was earlier considered in 274th SEAC meeting and the committee had deferred the project as the proponent remained absent and in the present meeting the proponent remained absent. Hence the committee after discussion decided to defer the appraisal and decided to give one last opportunity to the proponent.

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

288.52 Black Granite Quarry Project at Nilvadi Village, Periyapatna Taluk, Mysore District (3-11 Acres) (1.325 Ha) by Smt. Gangambika G- Online Proposal No.SIA/KA/MIN/225179/2021 (SEIAA 396 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Gangambika G
2	Name & Location of the Project	Black Granite Quarry Project at Sy. No.118/1 of Nilvadi Village, Periyapatna Taluk, Mysore District (3-11 Acres) (1.325 Ha) Latitude: 12°28'09.1", 12°28'13.2", 12°28'14.4", 12°28'14.4", 12°28'09.2" Longitude: 76°00'52.7", 76°00'52.8", 76°00'53.9", 76°00'55.6", 76°00'55.6"
3	Type Of Mineral	Black Granite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-11 Acres (1.325 Ha)
7	Annual Production (Metric Ton / Cum) Per Annum	5,714 Cum/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	2,07,904 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,000 Cum/Annum (excluding waste)
11	**CER Activities:** To provide Roof Top Rain Water Harvesting system with ground water recharging facility, at the Govt. School, in the nearby Nilavadi Village	

12	EMP Budget	Rs. 13.87 Lakhs (Capital Cost) & Rs. 2.67 Lakhs (Recurring cost)
13	Forest NOC	25.09.2014
14	Quarry plan	30.04.2021
15	Cluster certificate	28.07.2021
16	Revenue NOC	16.01.2021
17	DTF	17.03.2015

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that in the year 2011 prior to quarrying of black granite, trial pits were only made to verify the existence and the quality of available black granite and as per the historical images no additional workings area had been carried out since 2015 and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

The proposal was earlier considered in 279th SEAC meeting and deferred the project as the committee had observed that the project site is located at a distance of 8.90 KM from the boundary of the buffer zone of Nagarahole Tiger Reserve for which ESZ notification has not been notified as yet and since the project site falls within the default ESZ of the buffer zone of Nagarahole Tiger Reserve, committee decided to defer the appraisal of the project proposal till the ESZ final notification is issued.

In the present meeting the proponent submitted PCCF letter dated 12.07.2022, informing that the proposed project is about 25km away form boundary of NagaraholeNational park and out side default 10km ESZ of Nagarahole National park. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 3-11 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 as per IRC standard norms & should grow trees all along the approach road during the first year of operation and to grow three tier plantation towards crusher, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,07,904 Cum (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 5,714 Cum/Annum (including waste).

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

288.53 **Building Stone Quarry Project at Kandegala Village, Gundlupet Taluk, Chamarajanagara District (2-00 Acres) by Sri A. Rajagopal - Online Proposal No.SIA/KA/MIN/142757/2020 (SEIAA 78 MIN 2020)**

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri A. Rajagopal
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.174 of Kandegala Village, Gundlupet Taluk, Chamarajanagara District (2-00 Acres) Latitude / Longitude: 11° 47' 11.4" / 76° 44'56.3" 11° 57'10.9" / 76° 45'00.9" 11° 57' 09.9" / 76° 44'59.8" 11° 57' 09.6" / 76° 44'55.3"
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	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	16,282Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.15 Crores (Rs. 15 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,01,085 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	16,282Tones/Annum (including waste)
11	**CER Activities:** Providing smart class facility to Kandegala Government School	
12	EMP Budget	Rs. 3.58 Lakhs (Capital Cost) & Rs. 1.31 Lakhs (Recurring cost)
13	Forest NOC	20.09.2019
14	Quarry plan	05.04.2018
15	Cluster certificate	11.07.2022
17	Notification	14.02.2018

The proposal was earlier considered in 246th SEAC meeting and the committee had deferred the project as the proponent remained absent.

In the present meeting the committee observed that the KML file submitted was not as per approved coordinates, had not uploaded revenue NoC, village map with boundary markings, Baseline data reports, EMP/Plates and quantity pages signed by Senior Geologist/Deputy Director of Mines and Geology. Hence the committee after discussion decided to defer the project.

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

288.54 Ordinary Sand Quarry Project at Cholachagudda Village, Badami Taluk, Bagalakot District (12-13 Acres) by Sri Sagar Konnur- Online Proposal No.SIA/KA/MIN/240811/2021 (SEIAA 645 MIN 2021)

About the project:

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Sagar Konnur
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 47/1, 2, 3, 4, 5, 6, 7, 8, 9 of Cholachagudda Village, Badami Taluk, Bagalakot District (12-13 Acres)
3	Type Of Mineral	Ordinary Sand Quarry Project
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	12-13 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	66,967 Tones(including waste) for first year, 45,000tonns (including waste) for second and third year
8	Project Cost (Rs. In Crores)	Rs. 1.99 Crores (Rs. 199 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,56,967Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	66,967 Tones(including waste) for first year 45,000tonns (including waste) for second and third year
11	**CER Activities:**	
12	EMP Budget	Rs. 56.10 Lakhs (Capital Cost) & Rs. 17.16 Lakhs (Recurring cost)
13	Forest NOC	06.04.2021
14	Quarry plan	02.09.2021
15	Cluster Certificate	04.10.2021
16	Revenue	10.03.2021
17	DTF	25.08.2021
18	JIR	09.04.2021

Corner Point No	Latitude	Longitude
BP-A	N 15° 50' 39.39"	E 75° 42' 54.02"
BP-B	N 15° 50' 39.32"	E 75° 43' 02.46"
BP-C	N 15° 50' 31.46"	E 75° 43' 02.38"
BP-D	N 15° 50' 32.67"	E 75° 42' 57.68"
BP-E	N 15° 50' 35.45"	E 75° 42' 53.91"

Year	Corporate Environmental Responsibility (CER)
1st	The proponent proposes to distribute nursery plants at Cholachagudda village
2nd	Rain water harvesting pits to GLPS at Cholachagudda village
3rd	Solar Power Panels in GLPS school at Cholachagudda village

The proposal was earlier considered in 279th SEAC Meeting and the committee had deferred the project as the proposed project area was at a distance of 295mtr from Malaprabha river and as per Sustainable Sand Mining Gudelines and Sand Enforcement and Monitoring Guidelines had

informed the proponent to get clarification from DMG informing about river bed sand mining in a radius of 5km from the proposed project.

In the present meeting the proponent had submitted letter from DMG dated 29.11.2021, wherein its mentioned that there is no river sand block situated in a radius of 5km from the proposed site area. The committee noted the clarification and appraised the project.

As per the cluster sketch there are no other lease within 500 meter radius from this lease and the total area of the present lease is 12-13 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 460 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after asphalting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,56,967 Tones (including waste) and estimated the life of the quarry as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 66,967 Tones(including waste) for first year, 45,000tonns (including waste) for second and third year.

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

288.55 "Vista Jayamahal" – Residential Apartment Project at situated at Marappa Garden, Ward No. 62 – Ramaswamy Palya, Munimarappa Road, off Nandidurga Road, Bengaluru by M/s. Vista Spaces Nandi Pvt. Ltd.- Online Proposal No.SIA/KA/INFRA2/401382/2022 (SEIAA 125 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Name:Mr. Y Surendra and Mrs. P Pavithra represented by Special Power of Attorney holder M/s. Vista Spaces Nandi Pvt. Ltd., Address:No. 11, 3rd floor, Diamond House, Gurappa Avenue, Primrose Road, Bangalore – 560 025
2		Name & Location of the Project	Name: "VISTA JAYAMAHAL" – Residential Apartment Project Location: Municipal No. 4/1, P.I.D. No. 92-103-4/1, situated at Marappa Garden, Ward No. 62 – Ramaswamy Palya, Munimarappa Road, off Nandidurga Road, Bengaluru – 560 046.
3		Type of Development	Residential Apartment Project Category 8(a) as per EIA Notification 2006
	a.	Residential Apartment / Villas / Row Houses / Vertical	

		Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	Not applicable
4		New/ Expansion/ Modification/ Renewal	New project
5		Water Bodies/ Nalas in the vicinity of project site	
6		Plot Area (Sqm)	7,496.52Sqm
7		Built Up area (Sqm)	21,666Sq m
8		FAR • Permissible • Proposed	 2.00 1.998
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Blocks: Basement + Ground and Four floors.
10		Number of units/plots in case of Construction/Residential Township /AreaDevelopment Projects	89 units
11		Height Clearance	Low rise structure max ht. of 15mtr
12		Project Cost (Rs. In Crores)	Rs. 78 Crores
13		Disposal of Demolition wastes and or Excavated earth	Excavated earth in the project will be of about 8,300 cubic meters out of which 2,500 cubic meters will be reused for backfilling, 2,000 cum will be used for road / paved area formation and 2,000 cum will be used for landscape area formation activities and remaining 1,300 cubic meters will be used for making soil cement blocks.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	3,272.22 sq m
	b.	Kharab Land	0
	c.	Total Green belt on Mother Earth for projects under 8(a) of the Schedule of the EIA notification, 2006	2,456.56 sq m
	d.	Internal Roads	1,715.35 sq m
	e.	Paved area	
	f.	Others Specify	Area left for road widening – 52.39 sq m Podium landscape – 2,200sq m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not applicable
	h.	Total	7,496.52 sq m
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Tertiary treated water
	b.	Quantity of water for Construction	10 KLD

		in KLD		
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
	d.	Waste water generation in KLD	9 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Package Sewage Treatment Plant of 10 KLD Capacity.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	52 KLD
			Recycled	27 KLD
			Total	79 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	72 KLD	
	d.	STP capacity	75 KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactor	
	f.	Scheme of disposal of excess treated water if any	Toilet flushing, landscape development, car washing and reused for secondary domestic purposed after necessary advanced treatment.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	155 cum	
	b.	No's of Ground water recharge pits	4 numbers	
17		Storm water management plan	Storm water to be used to recharge ground water through 4nos of recharge pits.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	25 kg/day The domestic wastes will be segregated, collected at a common designated place and will be disposed through BBMP	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	191 kg/day Organic waste will be treated in organic waste converter.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	127 kg/day In-organic waste will be given to recyclers.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	• Used oil – 100 l/annum (Collected in leak proof containers and disposed to KSPCB registered authorized re-processors) • Oil-soaked cotton waste – 10 kg/annum (Stored in carboys and disposed to KSPCB approved incinerator facility)	
	d.	Quantity of E waste generation and mode of Disposal as per norms	e Waste will be segregated, collected and stored at a designated place and will be handed over to authorized recyclers	
19		POWER		
	a.	Total Power Requirement - Operational Phase	1,000 kVA from BESCOM	
	b.	Numbers of DG set and capacity in	2 x 250 kVA	

		KVA for Standby Power Supply	
	c.	Details of Fuel used for DG Set	Diesel Consumption is 53 l/hr for each DG set of250 kVA.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Mandatory ECBC Guidelines will be followed in the project. Total energy savings : 19.53 %
20		PARKING	
	a.	Parking Requirement as per norms	99ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOSA, B
	c.	Internal Road width (RoW)	5 m wide driveway is proposed
21		CER Activities	To provide infrastructure facilities to near by Govt. School.
22		EMP • Construction phase • Operation Phase	 74.8 Lakhs 63.8 Lakhs

The proposal was earlier considered during 287th SEAC meeting and the committee had deferred the project in want of submit substantial justification with respect to non existence of water body adjacent to the proposed project in the eastern side as per village map.

In the present meeting the proponent submitted clarification and informed that as per the Judgment passed by Hon'ble High Court of Karnataka on 27th November 2002 its stated that the water body and its surroundings area had already been acquired by BDA in the year 1978 and handed over to Slum Clearance Board for rehabilitation of slum dwellers and also as per the CDP of BDA the existence of water body is not shown and the said area is earmarked as Residential zone. The committee accepted the clarification and appraised the project.

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

The committee during appraisal sought provisions for rain water harvesting proposed in the project. The proponent informed the committee that for harvesting rain water, they have proposed tanks of 155cum for runoff from rooftop and for runoff from landscape and paved areas 4nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 94 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.56 Ordinary Sand Mining Project at Udihal Village, Kanakageri Taluk, Koppal District (9-20 Acres) by Sri Manjunath F. Patil - Online Proposal No.SIA/KA/MIN/283862/2022 (SEIAA 332 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 Manjunath F. Patil</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Ordinary Sand Mining Project at Sy.Nos. 88/1/1, 88/1/2, 88/1/3, 88/1/4 & 88/1/5 of Udihal Village, Kanakageri Taluk, Koppal District (9-20 Acres)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15°41 22.70"</td><td>E 76° 29' 52.70"</td></tr>
<tr><td>B</td><td>N 15°41 21.60"</td><td>E 76° 29' 58.30"</td></tr>
<tr><td>C</td><td>N 15°41 19.40"</td><td>E 76° 30' 00.80"</td></tr>
<tr><td>D</td><td>N 15°41 18.60"</td><td>E 76° 30' 01.50"</td></tr>
<tr><td>E</td><td>N 15°41 15.00"</td><td>E 76° 30' 00.30"</td></tr>
<tr><td>F</td><td>N 15°41 17.90"</td><td>E 76° 29' 54.40"</td></tr>
<tr><td>G</td><td>N 15°41 19.30"</td><td>E 76° 29' 51.70"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Ordinary Sand Quarry Project</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>9-20 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>35,509 Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.69 Crores (Rs. 169 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,77,545Tons (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>35,509 Tons/ Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GHPS school at Udhihal Village.</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to Udhihal Village.</td></tr>
<tr><td>3rd</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>4th</td><td>Conducting E-waste drive campaigns in GHPS at Udhihal Village.</td></tr>
<tr><td>5th</td><td>Health camp in GHPS at Udhihal Village.</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 27.54 Lakhs (Capital Cost) & Rs. 10.58 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>07.01.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>24.06.2022</td></tr>
<tr><td>15</td><td>Cluster Certificate</td><td>18.06.2022</td></tr>
<tr><td>16</td><td>Revenue</td><td>24.01.2022</td></tr>
<tr><td>17</td><td>DTF</td><td>04.03.2022</td></tr>
<tr><td>18</td><td>JIR</td><td>23.03.2022</td></tr>
</table>

The proposal was earlier considered in 283rd SEAC meeting and the committee had deferred the project as the proponent remained absent.

In the present meeting the committee noted that the proposal is for sand quarry project in patta land and as per the DMG there is no river bed sand mining in a radius of 5km from the proposed site area.

As per the cluster sketch there are no other lease within 500 meter radius from this lease and the total area of the present lease is 9-20 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 mining operation should be commenced after asphalting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively by preserving top soil and reusing for reclamation works after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,77,545 Tones (including waste) and estimated the life of the quarry as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 35,509 Tones / annum (including waste).

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

288.57 ToR : Residential Apartment Building at Sy. Nos.127-1P1, P2, P3, No. 50 of Iddya Village, Mangaluru Taluk, Dakshina Kannada District by M/s. Matha Developers Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/406272/2022 (SEIAA 170 CON (VIOL) 2022)

The proposal is for grant of EC for already constructed building and the proponent informed the committee that the proposal was earlier applied under proposal no. SIA/KA/MIS/222177/2021 and the proposal was considered in 268th SEAC meeting and the committee had deferred the project in want of clarification whether existing construction is in violation of EIA Notification 2006. In the present meeting the proponent submitted that it is a violation case and had applied in B1 violation category to grant ToR as per MoEF&CC OM dated 07.07.2021, as construction is completed for BUA of 27,745.16Sqm in a plot area of 9,8740.192 Sqm without prior EC and by obtaining plan sanction by Mangalore City Development Authority in 28.07.2015.

The committee accepted the clarification and decided to recommend the proposal to SEIAA for issue of standard TOR along with the following additional ToR.

1) Estimate and Submit Penalty as per the Standard Operating Procedure (SoP) No. bearing F. No. 22-21/2020 –IA.III dated 7th July 2021 from Ministry of Environment, Forest and Climate Change Impact assessment division.

2) To submit damage Assessment, Remedial plan and Community Augmentation plan as per SoP issued by MoEF&CC 7th July 2021.
3) To submit the all building-wise area statement and Plan and Elevation Drawings.
4) Details of drains, water bodies, kharab details and its position on the village survey map with reference to project area
5) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
6) Submit the proposed organic waste processing facility layout plan and feasibility report of the system.
7) To quantify pollution load occurred during construction and after occupation.
8) Detailed conceptual plan and landscape plan, clearly indicating existing buildings / proposed buildings, approach roadand details of Kharab areas with buffers as per bylaws.
9) Details of existing buildings with BUA and extent of construction with reference to plan approvals certified from Architect and complete land documents and conversion documents.
10) Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural drains to be worked out in order to ascertain the adequacy in the carrying capacity of the drains and with details of strengthening of drains.
11) Details of quantity and kinds of wastes(e-wastes, hazardous wastes and bio-medical wastes) generated and handling the same.
12) Detailed risk and disaster management after construction.
13) Quality of nearby lake water and its rejuvenation plan to be detailed.
14) Implementation of Green building concept, provisions for smart metering concept for individual apartments for water consumption details, utilization of the entire terrace for solar power generation and other methods of power savings, provision for electric vehicle charging facility in the proposed project should be detailed.
15) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
16) Details of processing organic waste in bio-digester and scheme for waste to energy plant to process the entire organic waste generated within the project site and also to process the inorganic waste within the project site
17) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
18) NOC from the concerned authorities for the source of water during operation should be submitted.
19) Detailed FAR calculations and detailed parking provisions for all kind of vehicles including charging facility for e-vehicles with reference to local zoning authorities should be defined.
20) Detailed Traffic study with methods of improvising.
21) Ground water potential and level in the study area.
22) Detailed rain water harvesting with respect to annual rainfall and provisions for tanks/sumps/ponds for roof top and along with management of excess storm water.
23) Sampling locations shall be as per standard norms.
24) Height clearance from competent authority.
25) Activities such as provisions for rejuvenation for water bodies/drains in the vicinity of the project,Public Health Care unit, etc., to be taken up under CSR & CER should be detailed out in physical terms and included as part of EMP.

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

288.58 ToR : Grey Granite Quarry Project at Sy.No. 29 of Benakal Village, Kukanoor Taluk & Koppal District (9-27 Acres) by M/s. BKG Resource Private Limited - Online Proposal No.SIA/KA/MIN/402882/2022 (SEIAA 494 MIN 2022)

The lease area is 9-27 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1. The quarry plan approved on 25.07.2022 and District Task Force had recommended the proposal on 29.07.2021 and obtained letter of intent on 08.10.2021

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. The proponent informed that they had started collecting Baseline data.

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be 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 and disposal details should be submitted.
5. Improvements approach road as per IRC (Indian Road Congress) standard norms.
6. Revenue NoC and village map with boundary markings.
7. Site specific CER and afforestation details.

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

288.59 ToR : Building Stone & Murram Quarry Project at Sy. No.198 of Haraginadoni Village, Ballari Taluk & District (22.50 Acres) by Smt. M. Radha - Online Proposal No.SIA/KA/MIN/406530/2022 (SEIAA 495 MIN 2022)

The lease area is 22-20 Acres as the proposed area is more than the threshold limit of 5 Ha. the project is categorized as B1. The proposed project the notification dated 12.06.2020. Quarry plan approved on 09.12.2020.

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. The proponent informed that they had started collecting Baseline data.

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be detailed submitted.
2. Hydrogeological survey of the project area
3. Clear Forest NoC mentioning whether the project area is inside or outside the deemed forest area.
4. Traffic studies
5. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
6. Waste handling and disposal details should be submitted.
7. Provision for garland drains and nala stabilization works.
8. Improvements approach road as per IRC (Indian Road Congress) standard norms.
9. Site specific CER and afforestation details.

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

288.60 ToR : Building Stone Quarry Project at Sy. No. 180 (Part) of Arakere Village, Arasikere Taluk & Hassan District (3-00 Acres) by Sri Gnanamurthy - Online Proposal No.SIA/KA/MIN/291012/2022 (SEIAA 385 MIN 2022)

The proposal was included in agenda by oversight and EC has already been issued by SEIAA for the said proposal.

288.61 ToR : Expansion of Assembling of Smart Phones and Printed Circuit Boards (PCB) Factory at Sy. Nos. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124 & 125 of Achcatanahalli Village, Narasapura Hobli, Kolar Taluk & District by M/s. Wistron Infocomm Manufacturing (I) Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/406710/2022 (SEIAA 151 CON (VIOL) 2022)

The proposal was earlier considered in 287th SEAC Meeting and the committee had deferred the proposal as the ToR should be granted in violation category, the committee after discussion decided to have site visit, so as to evaluate the present site conditions and to grant additional site specific ToR to prepare EIA report.

The committee as per the decision taken in 287th SEAC Meeting, the sub committee had visited the site on 26.11.2022 and decided to recommend the proposal to SEIAA for issue of standard TOR along with the following additional ToR,

1) Estimate and Submit Penalty as per the Standard Operating Procedure (SoP) No. bearing F. No. 22-21/2020 –IA.III dated 7th July 2021 from Ministry of Environment, Forest and Climate Change Impact assessment division.
2) Submit damage Assessment, Remedial plan and Community Augmentation plan as per SoP.
3) Submit the all building-wise area statement and Plan and Elevation Drawings.
4) There are two nalahs and Khajihallahalli Lake adjacent to eastern side of Project site, Buffer shall be maintain as per the Norms.
5) Water sampling shall be collected analyzed at one sample in-let of the Lake, one sample in Middle of the Lake and one sample at outlet of the Lake and its rejuvenation plan to be detailed.
6) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
7) Submit the proposed organic waste processing facility layout plan and feasibility report of the system.
8) Quantify and submit the proposed in-organic waste/ package material processing and disposal plan and details of storage space provided with shelter.
9) Quantity and submit used Oil, cleaning reagent and other Hazardous waste handling and disposal details.
10) Submit the details of existing water source, usage and proposed water source and usage demand-wise.
11) Submit the details of Fleet management shift-wise and required Parking area details and anticipated impact on traffic.
12) Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural drains to be worked out in order to ascertain the adequacy in the carrying capacity of the drains and Ground water potential and level in the study area and details of provisions provided for strengthening of drains.
13) Detailed risk and disaster management during and after construction.

14) Implementation of Green building concept, provisions for smart metering concept for individual apartments for water consumption details, utilization of the entire terrace for solar power generation and other methods of power savings, provision for electric vehicle charging facility in the proposed project should be detailed.
15) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
16) Details of processing organic waste in bio-digester and scheme for waste to energy plant to process the entire organic waste generated within the project site and also to process the inorganic waste within the project site
17) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
18) NOC from the concerned authorities for the source of water during construction and operation should be submitted.
19) Detailed FAR calculations and detailed parking provisions for all kind of vehicles including charging facility for e-vehicles with reference to local zoning authorities should be defined.
20) Detailed Traffic study with methods of improvising.
21) Detailed rain water harvesting with respect to annual rainfall and provisions for tanks/sumps/ponds for roof top and along with management of excess storm water.
22) Sampling locations shall be as per standard norms.
23) Activities such as provisions for rejuvenation for water bodies/drains in the vicinity of the project,Public Health Care unit, etc., to be taken up under CSR & CER should be detailed out in physical terms and included as part of EMP.

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

288.62 Building Stone Quarry Project at Nandanagenahalli & Yalagahalli Village, Chikkaballapura Taluk & District (7-00 Acres) (vide QL No. 596) by M/s. Shiva Stone Crushers - Online Proposal No.SIA/KA/MIN/279549/2022 (SEIAA 291 MIN 2022): Expansion

About the project:

Sl.No	PARTICULARS	INFORMATION
	Name & Address of the Projects Proponent	M/s. Shiva stone crushers
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 94 & 404 of Nandanagenahalli & Yalagahalli Village, Chikkaballapura Taluk & District (7-00 Acres) (vide QL No. 596)
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	7-00 Acres

P. No.	Latitude	Longitude
A	N 13°10'37.8"	E 77°53'37.6"
B	N 13°10'39.9"	E 77°53'29.8"
C	N 13°10'43.4"	E 77°53'31.0"
D	N 13°10'41.6"	E 77°53'38.5"

7	Annual Production (Metric Ton / Cum) Per Annum	3,57,143 Tones/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	21,81,611 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,57,143 Tones/annum (including waste)
11	**CER Activities:**To grow 1,050 No. of additional plantation on either side of the approach road from quarry location to Nandanagenahalli & Yalagahalli Village Road	
12	EMP Budget	Rs. 23.85 Lakhs (Capital Cost) &7.01 Lakhs (Recurring cost)
13	Forest NOC	03.04.2021
14	Quarry plan	19.04.2022
15	Cluster certificate	27.04.2022
16	CCR from KSPCB	12.10.2022
17	Audit Report	25.04.2022

The proposal was earlier considered in 287th SEAC Meeting and the committee had deferred the proposal as the proposal was for expansion the committee during appraisal decided to have site visit, so as to evaluate the present site conditions with respect to earlier EC.

The committee as per the decision taken in 287th SEAC Meeting, the sub committee had visited the site on 24.11.2022 and had sought clarifications from the proponent. The proponent in the present meeting submitted clarifications for the site visit observations,

1) *Since Common Boundary working permission obtained from Directorate – General of Mines Safety (DGMS) for Lease boundary GPS coordinates points C to D, remaining sides of Lease boundary, buffer shall be maintained as per approved Mining Plan.*
The proponent informed that they have opened the quarry from East side of the quarry (B to C side) and we will maintain the buffer zones, on the other 3 sides, as per the approved Mining Plan

2). *Year-wise production shall be carryout as per the approved Quarry plan.*
The proponent agreed and informed that they will follow the working, as per the approved Production & Development Plan.

3). *Benches shall be kept accessible to movement of Vehicles.*
The proponent informed that they have adequately wide benches have been maintained, for easy movement of the quarry vehicles

4). *The approach road of 1.6 KM is totally damaged and it is WBM road. It is suggested to the Proponent to construct 0.5KM concrete road, and remaining 1.1 KM by pooling resources from adjoining quarry owners to provide concrete road, cross drainage culvert as required, this shall be periodically maintained.*
The proponent informed that due to the existence of several quarries and crushers operating in and around our quarry, the approach roads are damaged. Agree to pool the resources for propermaintenance of the common approach roads.

5). *They have not constructed catch drains and siltation ponds as per E.C. condition.*
The proponent informed thatquarry area is surrounded by other quarries and they have already constructed one check dam to the stream passing on NE side of the quarry at about 250m and

they will construct the catch drains, siltation pond, one more check dam at the downstream of the same stream, as part of our expansion.

6). *Silver oak plants are planted on either side of approach road, instead advised to plant fruit bearing, more Canopy species like Nerale (Jamun), Neem and Shivane plants thickly all along the Road.*
The proponent informed thatas part of the additional plantation they will choose varieties suggested by the SEAC Sub-Committee, before the monsoon of 2023.

7). *Workers health check-up has to be done regularly (quarterly) and relevant records were not produced.*
The proponent informed that they have arrangement with Doctor in Chikballapur for regular check-up for workers and records to be maintained.

8). *There are farmer's lands adjoining the quarry and they were growing Ragi crop and now they have stopped due to dust, Sub- Committee members suggested proponent to compensate suitability and maintain records.*
The proponent informed that the issue is being tackled by quarry owners association and relevant records for crop compensation will be obtained from the association office and will be submitted.

The committee accepted the clarification and appraised the project.

The proposal is for expansion, for which EC was earlier issued by SEIAA on 31.08.2015. The proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 12.10.2022.

There is an existing cart track road to a length of 1116 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 21,81,611 tones (including waste) and estimated the life of mine to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,57,143tonns/Annum (including waste).

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

288.63 Proposed Ore Beneficiation Plant & Manganese Ore Beneficiation plant Project at Sy.Nos.116P1(P), 117 & 106 of Dharmapura Village, Sandur Taluk, Bellary District by M/s. Sri Channakeshava Industries - Online Proposal No.SIA/KA/IND/77102/2021 (SEIAA 05 IND 2021)

The proposal is for establishment of iron ore and manganese ore beneficiation plant. The SEIAA had issued ToR on 01.07.2021 and Public Hearing was conducted on 22.12.2021.

The committee initially sought clarifications for Nari halla passing adjacent to the proposed project area and noted that the proponent had not incorporated adequate mitigative measures in preventing damage/pollution to the narihalla with respect to project location. Hence the committee after discussion decided to defer the proposal in want of detailed conceptual plan with details of buffers to the narihalla as per local byelaws, details of anticipated pollution load during operation phase of the proposed project with respect to narihalla and mitigative measures for the same, handling of tailings and raw materials in view ofnarihalla and detailed hydrogeological study for source of water during operation phase and to explore the possibilities to use treated water for operation phase.

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

288.64 Area Development project for construction of Li-ion Cells, Modules & Pack Manufacturing unit Project at Road no. 21, part of road no. 21A Part of Road No. 19, Hi-Tech Defence& Aerospace Park,Phase-2, Bengaluru by M/s. Exide Energy Solutions Limited - Online Proposal No.SIA/KA/INFRA2/411175/2022 (SEIAA 169 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Vikas Sharma EXIDE ENERGY SOLUTIONS LIMITED, EXIDE HOUSE, NO. 59 E, CHOWRINGHEE ROAD, KOLKATA
2		Name & Location of the Project	Proposed Area Development Project for construction of Li-ion Cells, Modules & Pack Manufacturing unit (6.5 Gwh/annum) at Bengaluru, Karnataka under Project Activity 8(b) "Township and Area Development Projects" by M/s. Exide Energy Solutions Limited Plot Nos. 28-P, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47-P, 50-P, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67-P, Road N0. 21, part of road No. 21A, part of road N0.19 in the Hitech, Defence & Aerospace Park, Phase-2, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Industrial Shed Category 8(b) as per EIA Notification 2006.

Sl. No	PARTICULARS	INFORMATION
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	• DakshinaPinakini River (~1.9 Km in ESE direction from the project site) • Bettekotte Lake (~3.2 km in WSW direction from the project site) • SulibeleLake(~5.4 km in SE direction from the project site) • Pond, Chikkathathamangala [Near Koramangala RF] (~5.6 km in North direction from the project site) • Theniyur Lake (~6.1 km in East direction from the project site) • Pond [Near Devanahalli Fort](~7.0 km in WNW direction from the project site) • Lake, Hunasuru [Near KIADB](~7.3 km in SW direction from the project site) • BadnaKere (~7.6 Km in NE direction from the project site) • Budigere Lake (~8.1 Km in SSW direction from the project site) • Vijayapura Lake (~8.5 Km in North direction from the project site) • SanneAmenikare Lake (~9.0 Km in West direction from the project site) • DoddaSanneKere (~9.2 Km in West direction from the project site) • ChikkaSanneKere (~9.3 Km in WNW direction from the project site) Apart from this the study area is having many seasonal ponds, nallahs, water channels which are active during rainy season.
6	Plot Area (Sqm)	3,23,760 sqm
7	Built Up area (Sqm)	1,90,108 Sqm (Phase I)
8	FAR • Permissible • Proposed	 2.50 0.58
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Industrial Shed
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not Applicable

Sl. No		PARTICULARS	INFORMATION	
11		Height Clearance	Obtained AAI NoC dated 18.08.2022	
12		Project Cost (Rs. In Crores)	4500 Crores (for Phase I)	
13		Disposal of Demolition waster and or Excavated earth	No demolition activities involved	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	1,11,757.12Sqm	
	b.	Kharab Land		
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,06,840.80Sqm	
	d.	Internal Roads	30,588.00 Sqm	
	e.	Paved area		
	f.	Others Specify	945.00 Sqm (parking) 16264.65Sqm (surface parking) 13072.67Sqm (land utilisation)	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	44291.76Sqm (vacant area)	
	h.	Total	3,23,760.00Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	KIADB	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	236.25 KLD	
	d.	Waste water generation in KLD	189 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile toilets and mobile STP Treated water will be used in plantation	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	1834 KLD
			Recycled	382 KLD
			Total	2216 KLD
	b.	Source of water	KIADB	
	c.	Waste water generation in KLD	395.2	
	d.	STP capacity	STP (capacity 150 KLD) and ETP (400KLD)	
	e.	Technology employed for Treatment	STP: MBBR ETP: Aeration& MVR	
	f.	Scheme of disposal of excess treated water if any	Utilized in the flushing, other green area and Road & fully paved area washing within the site area.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	Capacity of reservoir for collecting runoff from 8th recharge well is 4000 cum.	
	b.	No's of Ground water recharge pits	8nos of recharge wells.	

Sl. No		PARTICULARS	INFORMATION
17		Storm water management plan	Storm water to be collecting runoff from 8th recharge well is 4000 cum.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Construction waste: 11406.480 TPA Disposal Method: To be used for levelling purpose in and around the project site
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	174.7 TPA and OWC will be provided & manure generated will be used as compost within the premises for gardening.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	116.48 TPA and Recyclable: handed over to authorized recyclers; non-recyclable: disposed via Govt. Approved Agency
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	7682 TPA (Includes 3384 TPA of Battery waste) To be sent to authorised recyclers as per regulations (HWM Rules, 2016 & Battery Waste Management rules, 2022)
	d.	Quantity of E waste generation and mode of Disposal as per norms	4.6 TPA (Tube lights, Computers & Machine electronic) To be disposed through authorised recyclers
19		POWER	
	a.	Total Power Requirement - Operational Phase	53 MVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2*6000KVA 1*1000KVA (construction phase)
	c.	Details of Fuel used for DG Set	HSD 60 KLD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	LED lighting, Poly carbonate roof for daylight, IE 3 motors, better insulation to reduce heat loss, heat recovery system (compressors and chillers) 12MWp solar roof top will be installed by 2024 ECBC guidelines. Total savings is 22%
20		PARKING	
	a.	Parking Requirement as per norms	225ECS and 36no truck park
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : A
	c.	Internal Road width (RoW)	7.20m
21		CER Activities	Details of CER activities are given in chapter 10 of EIA/EMP Report
22		EMP • Construction phase • Operation Phase	Rs. 98.5 Crores Rs. 5.6 Crores per annum

The proponent informed that they had applied under category 8(b) Township and Area Development Projects of EIA Notificaiton 2006 as the product and process covering Li-ion battery manufacturing is not coverd under tha ambit of EC. However the Committee observed that though the application is for construction, huge quantity of hazardous waste which would be generated has also been mentioned, for which the Committee felt that it has no jurisdiction for appraisal.

The proponent submitted an undertaking dated 23.12.2022 informing that,

" M/s. Exide Energy Solutions Limited has proposed area development project for construction of Li-ion Cells, Modules & Pack Manufacturing unit(6.5Gwh/annum) at Bengaluru, Karnataka under project Activity 8(b) Township and Area Development Projects.

As the proposed manufacturing of Lithium-ion cells, Modules and Pack Manufacturing does not come under ambit of Environment Clearance as per EIA Notification 2006, we request the committee to grant us Environment Clearance for our construction of building as it exceeds BUA of 1,50,000Sqm and not for the product and process.

We hereby withdraw the information provided in the EIA report related to product and process."

The committee accepted the undertaking and appraised the projectlimiting to the Activity covered under 8(b) Township and Area Development Projects of EIA Notification 2006 and informed the proponent to obtain fresh EC, if the proposed product manufacturing is scheduled in EIA Notification by MoEF&CC in itssubsequent amendments, for which the proponent agreed. The proponent informed that the proposal construction of industrial shed in an area allotted by KIADB and had obtained standard ToR by SEIAA on 06.12.2022 and had already obtained CFE from KSPCB dated 13.12.2022.

The committee during appraisal sought clarification details of EC for KIADB area and kind of activity permitted in the area and harvesting rain water in the proposed area. The proponent informed the committee that the KIADB had obtained EC from SEIAA on 14.09.2022 and as per KIADB red category industries area permitted in the said area. For harvesting rain water, they have proposed tanks of 4000cum for runoff from rooftop and for runoff from landscape and paved areas in 8nos of recharge wells are proposed within the project site area.

The proponent informed to grow total of 4047 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to obtain fresh EC, if the proposed product manufacturing is scheduled in EIA Notification by MoEF&CC in its subsequent amendments.

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

288.65 Karkihalli Sand Block Project at Karkihalli Village, Devadurga Taluk, Raichur District (12-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/404155/2021 (SEIAA 416 MIN 2021)

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>M/s. Hutti Gold Mines Company Ltd.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Karkihalli Sand Block Project at Sy. Nos.35/2 & 36/2 of Karkihalli Village, Devadurga Taluk, Raichur District (12-00 Acres)
<table>
<tr><th>Points</th><th>Longitude</th><th>Latitude</th></tr>
<tr><td>A</td><td>E-77° 00' 09.36"</td><td>N-16° 31' 32.96"</td></tr>
<tr><td>B</td><td>E-77° 00' 15.15"</td><td>N-16° 31' 32.16"</td></tr>
<tr><td>C</td><td>E-77° 00' 15.19"</td><td>N-16° 31' 23.01"</td></tr>
<tr><td>D</td><td>E-77° 00' 09.39"</td><td>N-16° 31' 23.94"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Karkihalli Sand Block Project</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>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>12-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>65,013 Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.75 Crores (Rs. 75 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>65,013 Tons/ Annum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>58,511 Tons/ Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>CER Activities</th></tr>
<tr><td>2022-23</td><td>Afforestation on both side of Krishna river south of Karkihalli sand block for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
<tr><td>2024-25</td><td>Afforestation on both side of Krishna river north of Karkihalli sand block for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 9.00 Lakhs (Capital Cost) & Rs. 1.50 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>10.01.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>18.01.2022</td></tr>
<tr><td>15</td><td>Cluster Certificate</td><td>18.02.2021</td></tr>
<tr><td>16</td><td>DTF</td><td>03.07.2020</td></tr>
<tr><td>17</td><td>Gazatte Notification</td><td>30.07.2020</td></tr>
<tr><td>18</td><td>Depth in JIR</td><td>3.12mtr</td></tr>
<tr><td>19</td><td>Irrigation NoC</td><td>26.04.2022</td></tr>
</table>

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 14.06.2022.

There is an existing cart track road to a length of 715 meters connecting the lease area to the all weather black topped roadand the committee informed that the mining operation should be

commenced after cement concreting the approach road as per standard normsand the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for sand mining as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out instream miningand the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of March and April 2022 showing dry weather flow and informed the committee mining operations to be carried out only in dry weather conditions.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 65,013 Tonnes per annum (including waste) as per the approved quarry plan, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 65,013 Tons/ Annum (including waste)for 5 years, after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and adhere by the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022.

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

288.66 Hirerayakumpi Sand Block Project at Hirerayakumpi Village, Devadurga Taluk, Raichur District (30-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/404031/2021 (SEIAA 419 MIN 2021)

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>M/s. The Hutti Gold Mines Co. Ltd.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Hirerayakumpi Sand Block Project at Sy. Nos. 3/1, 4, 5, 6 & 308/1 of Hirerayakumpi Village, Devadurga Taluk, Raichur District (30-00 Acres)
<table>
<tr><th>Points</th><th>Longitude</th><th>Latitude</th></tr>
<tr><td>A</td><td>E-77° 09' 42.79"</td><td>N-16° 26' 21.96"</td></tr>
<tr><td>B</td><td>E-77° 09' 39.11"</td><td>N-16° 26' 17.61"</td></tr>
<tr><td>C</td><td>E-77° 09' 54.52"</td><td>N-16° 26' 02.26"</td></tr>
<tr><td>D</td><td>E-77° 09' 58.82"</td><td>N-16° 26' 06.74"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Hirerayakumpi Sand Block Project</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,</td><td>GovernmentLand</td></tr>
</table>

	Other]	
6	Area in Acres	30-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,25,290 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.25 Crores (Rs. 125 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,25,290 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,232Tons/ Annum (excluding waste)
11	**CER Activities:**	

Year	Location (CER)
2022 -23	Afforestation on both side of Krishna river south of Hirerayakumpi sand block for 1.50 kms (5 mtrs on each side = 1.50 Ha)
2023 -24	Afforestation on both side of Krishna river north of Hirerayakumpi sand block for 1.50 kms (5 mtrs on each side = 1.50 Ha)

12	EMP Budget	Rs. 2.00 Lakhs (Capital Cost) & Rs. 1.50 Lakhs (Recurring cost)
13	Forest NOC	10.01.2022
14	Quarry plan	02.12.2020
15	Cluster Certificate	18.02.2021
16	Notification	17.07.2020
17	DTF	03.07.2020
18	JIR Depth	3.1mtr
19	Irrigation NoC	26.04.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 14.06.2022.

There is an existing cart track road to a length of 920 meters connecting the lease area to the all weather black topped roadand the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard normsand the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for sand mining as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out instream miningand the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of December 2021 & April 2022showing dry weather flow and informed the committee mining operations to be carried out only in dry weather conditions.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 1,25,290 Tonnes per annum (including waste) as per the approved quarry plan, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,25,290 Tons/ Annum (including waste)for 5 years, after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and adhere by the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022.

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

288.67 Rajolli Sand Block Project at Rajolli Village, Manvi Taluk, Raichur District (25-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/404172/2021 (SEIAA 417 MIN 2021)

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>M/s. Hutti Gold Mines Company Ltd.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Rajolli Sand Block Project at Sy. Nos. 185, 186, 187 & 189 of Rajolli Village, Manvi Taluk, Raichur District (25-00 Acres)
<table>
<tr><th>Points</th><th>Longitude</th><th>Latitude</th></tr>
<tr><td>A</td><td>E-77° 09' 14.35"</td><td>N-16° 28' 08.75"</td></tr>
<tr><td>B</td><td>E-77° 09' 19.42"</td><td>N-16° 28' 10.60"</td></tr>
<tr><td>C</td><td>E-77° 09' 30.35"</td><td>N-16° 27' 52.94"</td></tr>
<tr><td>D</td><td>E-77° 09' 25.26"</td><td>N-16° 27' 51.08"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Rajolli Sand Block Project</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>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>9-20 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>1,04,409 Tons/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.00 Crores (Rs. 100 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,04,409 Tons/ Annum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>83,527 Tons/ Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Location (CER)</th></tr>
<tr><td>2022-23</td><td>Afforestation on both side of Tungabhadra river, east of Rajolli sand block for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
<tr><td>2024-25</td><td>Afforestation on both side of Tungabhadra river, east of Rajolli sand block for 1 kms (5 mtrs on each side = 1 Ha)</td></tr>
</table></td></tr>
</table>

12	EMP Budget	Rs. 2.20 Lakhs (Capital Cost) & Rs. 2.00 Lakhs (Recurring cost)
13	Forest NOC	07.01.2022
14	Quarry plan	24.06.2022
15	Cluster Certificate	18.06.2022
16	Revenue	24.01.2022
17	DTF	04.03.2022
18	JIR	23.03.2022
19	Irrigation NoC	16.12.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 14.06.2022.

There is an existing cart track road to a length of 1250 meters connecting the lease area to the all weather black topped roadand the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard normsand the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for sand mining as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out instream miningand the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of December 2021 & April 2022showing dry weather flow and informed the committee mining operations to be carried out only in dry weather conditions.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 1,04,409 Tonnes per annum (including waste) as per the approved quarry plan, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,04,409 Tons/ Annum (including waste)for 5 years, after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and adhere by the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022.

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

288.68 Office Building Project at Hoodi Village, K. R. Puram Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Bren Corporation Online Proposal No.IA/KA/INFRA2/405098/2022 (SEIAA 140 CON 2022)

About the project:

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	Sri. Amit P Vernekar- Commercial Head M/s. Bren Corporation No. 3, Prestige Sterling Square, 4th floor, Madras Bank Road Division, Ashok Nagar, Bengaluru - 01
2		Name & Location of the Project	Sy. No. 193, Hoodi Village, K R Puram Hobli, Bangalore East Taluk, Bangalore
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial and OfficeBuilding 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 drain in norther and southern side.
6		Plot Area (Sqm)	16,086.12 sq. m
7		Built Up area (Sqm)	62,518 Sq m
8		FAR • Permissible • Proposed	 3.0 2.96
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Basement + Ground Floor + 9 Upper Floors+Terrace
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11		Height Clearance	As per CCZM Bangalore permissible height of the building is 75 m. and proposed the height 46.5 m
12		Project Cost (Rs. In Crores)	Rs. 100 Cr.
13		Disposal of Demolition waster and or Excavated earth	Demolition Waste:Not Applicable Excavated Earth: Quantity of Earth Work Excavation :28,560 cum Backfilling with available earth :14,280cum Top soil requirement for landscapedevelopment on natural earth:

		2,362cum Earth used for formation of internal roads :2,415 cum Excavated earth of used for site levelling within the site: 9,503 cum	
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,760.00 Sq m
	b.	Kharab Land	1,011.71Sq m
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,724.16 Sq. m
	d.	Internal Roads	4,831.48 Sq. m
	e.	Paved area	
	f.	Others Specify - nala area	758.78 Sq m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	4,724.16 Sq m
	h.	Total	16,086.12Sq m
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Treated Sewage
	b.	Quantity of water for Construction in KLD	20KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Proposed to dispose the domestic sewage to mobile STP located within the site premises
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh: 116 KLD Recycled: 93 KLD Total: 209 KLD
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	188 KLD
	d.	STP capacity	200 KLD
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	No disposal.
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	43 No's
17		Storm water management plan	The storm water produced within the site will be directed to 43 numbers of recharge pits provided around the periphery of the site.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	1,395kg/day of solid waste.
	II.	Operational Phase	

	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	558kgs/day of organic waste will be treated in Organic convertor
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	837kgs/day of inorganic waste will be given to authorized vendors
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity generated will be handed over to authorized agencies.
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity generated will be handed over to authorized agencies
19		POWER	
	a.	Total Power Requirement -Operational Phase	The power requirement is about 3216 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	5 No's of capacity 1500 KVA.
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 32.48%
20		PARKING	
	a.	Parking Requirement as per norms	623 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS C
	c.	Internal Road width (RoW)	6mtrs
21		CER Activities	To provide of Drinking Water facility/Improving sanitary or drainage works of worth for Government School of Hoodi Village or nearby village
22		EMP • Construction phase • Operation Phase	 Construction phase : 14.08lakhs Operation phase: 33.9Lakhs

The proposal is for construction of commercial and office building in an area earmarked for residential and industrial hi-tech corridor as per RMP of BDA.

The committee during appraisal sought clarification for cart trackroad and drains as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that the cart track passing inside the project site is rerouted to edge of project boundary as per D.C Order dated: 02.09.2021 and two tertiary drains passing inside the plot area is rerouted to edge of project boundary as per D.C Order dated 09.06.2022 and a buffer of 15mtr from center is proposed for the rerouted tertiary drain. For harvesting rain water, the proponent has proposed 100cum capacity of tank/sump for runoff from rooftop and for runoff from landscape and paved areas 43nos recharge pits within the project area.

The proponent informed that they have made provisions to grow a total of 180 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 and with a condition to leave free public access in kharab area.

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

288.69 Residential Apartment Building Project at Arehalli Village, UttarahalliHobli, Bangalore South Taluk, Ward No.18, Bangalore Urban by M/s. Prakruthi Properties - Online Proposal No.SIA/KA/INFRA2/403641/2022 (SEIAA 148 CON 2022) : Expansion.

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Niranjan Kumar Designation:Managing Partner M/s Prakruthi Properties Registered address: No.16/1, "BLUE BELL" 201, 3rd Floor, Arehalli Main Road, Arehalli, Subramanyapura Post, Bengaluru - 560061
2	Name & Location of the Project	Proposed to Expansion Residential Apartment Building Project located at BBMP Khata No. 1188/19/1,19/2, & 19/3, 20/4, and 20/5, Sy No. 19/1, 19/2, 19/3, 20/4, 20/5, Arehalli Village, UttarahalliHobli, Bangalore South Taluk, Ward No. 18, Bangalore Urban, Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Building project Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	**Water bodies** • Uttarahalli Lake at about 0.18 kms towards (SE). • DoraiKere lake at about 1.25 Kms towards South East. • Goudanakere at about 1.72 kms towards ESE. • ISRO Layout Lake at about 2.0 kms towards SE. • Konanakunte lake at about 3.83 kms towards SE.

		• Chunchugatta Lake at about 4.45 kms towards SE. • Puttenahalli lake at about 5.42 kms towards SE. • Arekere lake at about 6.86 kms towards SE. • Hullimavu lake at about 7.93 kms towards SE. • Krishna nagarKere Lake at about 5.67 kms towards SE. • Konanakunte lake at about 3.84 kms towards SE. • Subramanya kere at about 1.44 kms towards SSE.
6	Total Plot Area (Sqm)	6,522.88 sqm
7	Built-UpArea (Sqm)	22,160.34 sqm
8	FAR • Permissible • Proposed	2.25 2.11
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+SF+GF+3UF+TF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	120units
11	Height Clearance	Low rise building max. height of 15mtrs
12	Project Cost (Rs. In Crores)	40 Crores
13	Disposal of Demolition waster and or Excavated earth	Excavation will be carried out for the foundation of buildings. The excavated soil will be used in backfilling and other area development activities.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3,229 sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,152.55 sqm
d.	Internal Roads	1,141.33 sqm
e.	Paved area	
f.	Others Specify-Civic amenities	-
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	6,522.88 sqm
15	WATER	

I.	Construction Phase			
a.	Source of water	Treated water from STP/Tanker supply		
b.	Quantity of water for Construction in KLD	10 KLD		
c.	Quantity of water for Domestic Purpose in KLD	2.25 KLD		
d.	Waste water generation in KLD	1.75 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	56 KLD	
		Recycled	25 KLD	
		Total	81 KLD	
b.	Source of water	BBMPsupply		
c.	Waste water generation in KLD	65 KLD		
d.	STP capacity	65 KLD		
e.	Technology employed for Treatment	SBR Technology as well as Anoxic Tank for BNP Removal.		
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	70 cum (RWH collection tank)		
b.	No's of Ground water recharge pits	Provided RWH pits: 4Nos. Each RWH pit capacity is 12 cum. (2M x 2M x 3M)		
17	Storm water management plan	Stormwater separate pipeline will be provided and connected to the RWH sump.		
18	WASTE MANAGEMENT			
I.	Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	25 kg/day - Disposed to KSPCB authorized vendors.		
II.	Operational Phase			
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	**180 kg/day-organic waste** Biodegradable waste will be treated in OWC to be used as manure for gardening /landscaping.		
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	**120kg/day** Inorganic waste will be disposed through KSPCB authorized vendors/recyclers.		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil/spent oilShall of 0.5 KLA be collected in a leak proof containers & disposed only to KSPCB registered authorized re-processors provided the oil meets the standards as per schedule-5-part A of the rules		
d.	Quantity of E waste generation and mode of Disposal as per norms	The generated E-waste will be disposed of through KSPCB approved vendor.		
19	POWER			

	a.	Total Power Requirement - Operational Phase	600 KW-BESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Total no. of Generator sets: 1 Nos. Capacity: 250 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	Following energy conservation efforts shall be made in the project: • Selection of building material considering energy performance of roof, wall material, shading devices and final building envelop. • Design parameters – building geometry, wall to window ratio, window performance, thermal performance of the wall and roof. • Use of green vehicles within the campus • Light pollution reduction through BUG rated light fixtures. • Renewable energy system to cater to 5% of the annual building energy consumption. • Roof top Solar Electrical system in common utility buildings. • Use of low emitting materials like Floor score certified tiles, ANSI / BIFMA certified furniture, Green guard certified composite wood, etc. Total Energy Savings – 8.01% from total power load.
20		PARKING	
	a.	Parking Requirements as per norms	139ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : B
	c.	Internal Road width (RoW)	8 M
21		CERproposed	

S.No	Activities
1	Primary Health center, Banashankari, Bengaluru. (health care development facilities such as beds, Equipment facility, wheel chairs, stretchers, sanitizers, gloves, masks, etc.,
2	Skill, health, education development program in Arehalli village
3	Yediyur Govt. Primary school, Led lights/Solar Panel installation & RO drinking water facility.
	Total amount to be spent yearly wise

22	EMP	

	• Construction phase • Operation Phase	**Construction Phase:** Capital cost : 13 Lakhs Recurring cost : 6.5 lakhs **Operational phase** Capital cost : 72.5 lakhs Recurring cost: 13.0 Lakhs

The proposal is for expansion of residential project. The proponent informed that for existing construction they had obtained CFE from KSPCB dated 20.08.2019 for BUA of 19,902.41sqm and now proposed for BUA of 22,160.34Sqm in plot area of 6,522.88Sqm and informed that presently they had constructed BUA of ten percentage of 19,902.41Sqm and justified the existing BUA of from architect certificate.

The committee during appraisal sought provisions for harvesting rain water in the proposed area. For harvesting rain water, the proponent has proposed 70cum capacity of tank for runoff from rooftop and for the runoff from landscape areas 82 number of recharge pits proposed within the site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed that they have made provisions to grow a total of 82trees 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.

288.70 Residential Group Houses & Apartment Project at Uganawadi Village, Devanahalli Taluk, Bengaluru Rural District by M/s. Puravankara Ltd. - Online Proposal No.SIA/KA/INFRA2/405980/2022 (SEIAA 161 CON 2022)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Puravankara Limited #130 , Ulsoor Road, Bengaluru -42
2	Name & Location of the Project	PuravankaraLimited Sy. Nos.36/1, 36/4, 37/4, 37/2, 37/3, 38/1, 38/5, 39/8, 40, 41/1, 43/3 of Uganavadi Village, KasabaHobli, Devanahalli Taluk, IVC Road, Bengaluru
3	Type of Development	-
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential group housing Category 8(a) as per EIA Notification 2006.

	b.	Residential Township/ Area Development Projects	-
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	No water bodies and drains in the vicinity
6		Plot Area (Sqm)	67,841.53Sqm
7		Built Up area (Sqm)	52,618.75 Sqm
8		FAR Permissible Proposed	 2.5 0.75
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Ground+2 upper floor
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	273units
11		Height Clearance	Low rise structure max height of 15mtrs.
12		Project Cost (Rs. In Crores)	140 crore
13		Disposal of Demolition waster and or Excavated earth	Reused in the site and handed over to authorised vendor
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	21,858.20Sqm
	b.	Kharab Land	NIL
	c.	Total Green belt for projects under 8(a) of the schedule of the EIA notification, 2006(i) on Mother Earth (ii) On podium	3,663.99Sqm
	d.	Internal Roads	14,508.82sqm
	e.	Paved area	
	f.	Others Specify (services-incl STP & UG sump)	CA-3,400.85sqm Visitors parking area 3,424.22sqm Deduction for road 7,414.00 sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	13,595.87 sqm
	h.	Total	67,841.53Sqm
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Tanker
	b.	Quantity of water for Construction in KLD	10KLD
	c.	Quantity of water for Domestic	4.5KLD

		Purpose in KLD		
	d.	Waste water generation in KLD	4.3 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP of 5 KLD proposed	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	148 KLD
			Recycled	74.5KLD
			Total	222.36 KLD
	b.	Source of water	Panchayath supply + Recycled water	
	c.	Waste water generation in KLD	200 KLD	
	d.	STP capacity	225 KLD	
	e.	Technology employed for Treatment	SBR technology	
	f.	Scheme of disposal of excess treated water if any	Reused in flushing (74.5KLD),Gardening(104 KLD), Car wash(2KLD) & Excess 19.5 for Avenue plantation	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1200cum(945+255)	
	b.	No's of Ground water recharge pits	80	
17		Storm water management plan	Storm water to be collected in tank of capacity 1166cum and excess to be used to recharge ground water through 80nos of recharge pits.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kg/day -Collected separately & handed over to Authorized recyclers	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	393Kg/day- we are proposing Organic waste converter of 400 kg/day. The waste is converted to manure which will be used for gardening.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	262kg/day- Collected separately & handed over to Authorized recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	NA	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E -waste collection bin on the basement for safe collection & disposed to authorised vendors.	
19		POWER		
	a.	Total Power Requirement -Operational Phase	2212 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Total is 1500 KVA (3x 500)	
	c.	Details of Fuel used for DG Set	Diesel/CNG	
	d.	Energy conservation plan and Percentage of savings including plan	Total energy saving in% is 49.8%	

		for utilization of solar energy as per ECBC 2007	
20		PARKING	
	a.	Parking Requirement as per norms	273 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: B
	c.	Internal Road width (RoW)	8mtr
21		CER Activities	Tree Plantation all along IVC road for about 1km &maintenancesolar streetlighting all along IVC road for about 1km &maintenance
22		EMP Construction phase Operation Phase	 70 lakhs 645 lakhs

The proposal is for construction of Residential buildings in an area which is earmarked for agriculture and residential user as per BIAAPA and the proponent informed that they had obtained land conversion to residential from DC.

The committee during appraisal sought clarification for provisions made for harvesting rain water. The proponent informed that for harvesting rain water, they have proposed tanks of 915cum and 255cum for runoff from rooftop and a pond of capacity 1166cum for runoff from landscape and paved areas in addition to 80nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent informed to grow total of 767trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

288.71 Commercial Development Project at Sy. Nos.77/3A, 77/3B, 77/4, 77/5, 77/6, 77/7, 77/9, 77/15, 77/16, 77/17, 78/8, 78/10A1 & 78/10B of Chikkajala Village, Jala Hobli, Bangalore North Taluk, Bengaluru Urban District by Mr. C.R. Suresh and others C/o CNN Ventures - Online Proposal No.SIA/KA/INFRA2/405022/2022 (SEIAA 139 CON 2022)

The proponent remained absent without intimation. The committee decided to defer the appraisal of the project.

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

288.72 Ornamental Granite (Black Granite) Quarry Project at Kadahalli&Kiragasuru Village, Chamarajanagar Taluk & District (9-29 Acres) by Smt. ShahanazBegum - Online Proposal No.SIA/KA/MIN/410266/2022 (SEIAA 530 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Shahanaz Begum
2	Name & Location of the Project	Ornamental Granite (Black Granite) Quarry Project at Sy. Nos. 39 & 171 of Kadahalli&Kiragasuru Village, Chamarajanagar Taluk & District (9-29 Acres)

Latitude	Longitude
N 11°57'56.9"	E 76°54'59.5"
N 11°57'56.2"	E 76°55'01.8"
N 11°57'54.8"	E 76°55'04.5"
N 11°57'50.6"	E 76°55'12.3"
N 11°57'47.3"	E 76°54'11.4"
N 11°57'52.0"	E 76°54'02.9"
N 11°57'53.1"	E 76°55'02.9"
N 11°57'56.0"	E 76°54'59.0"
N 11°57'56.9"	E 76°54'57.7"
N 11°57'57.3"	E 76°54'58.1"

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	9-29 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	60,000 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crore (Rs. 100 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,72,500 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	12,000 Cum/Annum (excluding waste)
11	**CER Activities:** Propose take up 600 No. of additional plantation on either side of the approach road from quarry location to Kadahalli Village Road	
12	EMP Budget	Rs. 2.20 Lakhs (Capital Cost) &2.00 Lakhs (Recurring cost)
13	Forest NOC	29.04.2019
14	Quarry plan	26.09.2022
15	Cluster certificate	01.10.2022
16	Revenue NOC	21.07.2015
17	C & I Notification	26.08.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the proposed area is a Government land and lease was initially granted to M/s Indian Rocks with QL no. 131 for the period

of five years from 03.10.1997 to 02.10.2002 and as per the historical images no additional workings area carried out since 2015 till date and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease out of which 02 leasesare exempted from cluster as the ECwere granted prior to 15.01.2016 and the present lease is 9-29 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 460 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.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,72,500Tons (including waste) and estimated the life of the quarry as 5years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 60,000Tones/ Annum (including waste).

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

288.73 Shahabad Stone(Cherty Limestone) Quarry Project at Sy.No.457/*/7 of Honagunta Village, Shahabad Taluk, Kalaburagi District (1-00 Acre) by Smt. Farheen Fatima - Online Proposal No.SIA/KA/MIN/406531/2022 (SEIAA 508 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Farheen Fatima
2	Name & Location of the Project	Shahabad Stone(Cherty Limestone) Quarry Project at Sy.No.457/*/7 of Honagunta Village, Shahabad Taluk, Kalaburagi District (1-00 Acre)
3	Type Of Mineral	Shahabad Stone(Cherty Limestone) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton /	640 Cu.mt/Annum (including waste)

P. No.	Latitude	Longitude
A	N 17°05'04.2"	E 76°55'03.6"
B	N 17°05'04.2"	E 76°55'04.5"
C	N 17°04'58.4"	E 76°55'04.6"
D	N 17°04'58.4"	E 76°55'04.0"

	Cum) Per Annum	
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	11,000Cu.mt (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	384 Cu.mt/Annum (excluding waste)
11	**CER Activities:** To grow 150 No. of additional plantation on either side of the approach road from quarry location to Honagunta Village Road	
12	EMP Budget	Rs. 8.35 Lakhs (Capital Cost) & Rs. 1.99 Lakhs (Recurring cost)
13	Forest NOC	11.07.2022
14	Quarry plan	18.08.2022
15	Cluster certificate	27.10.2022
16	Revenue NOC	27.06.2022
17	Notification	01.08.2022

As per the cluster sketch there are 09 leases including the present lease within 500 meter radius from this lease out of which 02 lease is exempted from cluster as the lease was they are only notified leases and the total area of remaining leases including the present lease is10-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 200 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry as per standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 11,000cum (including waste) and estimated the life of mine to be 18 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 600cum/Annum(Including waste).

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

288.74 Shahabad Stone(Cherty Limestone) Quarry Project at Wadi Village, Chittapur Taluk, Kalaburagi District (1-00 Acre) by Sri Sunil - Online Proposal No.SIA/KA/MIN/406474/2022 (SEIAA 506 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Sunil
2	Name & Location of the Project	Shahabad Stone(Cherty Limestone) Quarry Project at Sy.No.210/*/1 of Wadi Village, Chittapur Taluk, Kalaburagi District (1-00 Acre)

		P. No. / Latitude / Longitude A / N 17°04'42.3" / E 76°59'13.4" B / N 17°04'41.8" / E 76°59'15.3" C / N 17°04'40.0" / E 76°59'14.8" D / N 17°04'39.8" / E 76°59'12.7"
3	Type Of Mineral	Shahabad Stone(Cherty Limestone) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	16,666 Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	5,75,000 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,000Tones/Annum (excluding waste)
11	CER Activities: To grow 150 No. of additional plantation on either side of the approach road from quarry location to Wadi Village Road	
12	EMP Budget	Rs. 8.35 Lakhs (Capital Cost) & Rs. 1.99 Lakhs (Recurring cost)
13	Forest NOC	11.07.2022
14	Quarry plan	30.09.2022
15	Cluster certificate	21.10.2022
16	Revenue NOC	23.08.2022
17	Notification	11.10.2022

As per the cluster sketch there are 08 leases including the present lease within 500 meter radius from this lease and the total area of leases including the present lease is10-27 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 420 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry as per standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,75,000tones (including waste) and estimated the life of mine to be co-terminus with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 16,666/Annum(Including waste).

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

288.75 Building Stone Quarry Project at Arundi Village, Nyamathi Taluk, Davanagere District (5-13 Acres) by Sri Vijayalakshmi Chamundeswar Stone Crusher and M- Sand - Online Proposal No.SIA/KA/MIN/407661/2022 (SEIAA 519 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 Vijayalakshmi Chamundeswar Stone Crusher and M- Sand</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy.Nos.101/2A, 101/6, 101/7, 102/3 & 100/1A of Arundi Village, Nyamathi Taluk, Davanagere District (5-13 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 14°10'38.5841"</td><td>E 75°34'34.2287"</td></tr>
<tr><td>B</td><td>N 14°10'39.2523"</td><td>E 75°34'37.2957"</td></tr>
<tr><td>C</td><td>N 14°10'42.3721"</td><td>E 75°34'36.1558"</td></tr>
<tr><td>D</td><td>N 14°10'42.5505"</td><td>E 75°34'37.0990"</td></tr>
<tr><td>E</td><td>N 14°10'42.8427"</td><td>E 75°34'38.3370"</td></tr>
<tr><td>F</td><td>N 14°10'37.6621"</td><td>E 75°34'39.9549"</td></tr>
<tr><td>G</td><td>N 14°10'37.7092"</td><td>E 75°34'40.1547"</td></tr>
<tr><td>H</td><td>N 14°10'36.9139"</td><td>E 75°34'40.2183"</td></tr>
<tr><td>I</td><td>N 14°10'35.4349"</td><td>E 75°34'33.4185"</td></tr>
<tr><td>J</td><td>N 14°10'36.1003"</td><td>E 75°34'33.3443"</td></tr>
<tr><td>K</td><td>N 14°10'36.4411"</td><td>E 75°34'34.7867"</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>5-13 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2,14,286Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.45 Crores (Rs. 45 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>17,96,080 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,10,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To grow 500 No. of additional plantation on either side of the approach road from quarry location to Arundi Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 19.15 Lakhs (Capital Cost) & Rs. 5.43 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>11.08.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>18.10.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>01.10.2020</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>29.06.2022</td></tr>
<tr><td>17</td><td>Notification</td><td>12.09.2022</td></tr>
</table>

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the there was earlier old lease with QL 598 with an extent of 1-00Acres and EC no. SEIAA 1144 MIN 2015 dated 17.02.2016 of Sri S S Raju and the lease was in operation during 2016-17 and 2018-19,

subsequently lease and EC was transferred to the proponent in 13.09.2019. As per the historical satellite images of the applied area the existing quarry pit is the result of mining carried out previously held QL 598 and fresh excavation is made. The committee noted the clarification and appraised the project.

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease out of which 02 leasesare exempted from cluster as the ECwere granted prior to 15.01.2016 and the present lease is 9-29 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 460 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.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 17,96,080Tons (including waste) and estimated the life of the quarry as 9years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,14,286Tones/ Annum (including waste) with a condition to surrender old EC with no. SEIAA 1144 MIN 2015.

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

288.76 Grey Granite Quarry Project at Kukanur Village, Kukanur Taluk, Koppal District (3-28 Acres) by Sri Mangalesh S.Mangalur- Online Proposal No.SIA/KA/MIN/404360/2022 (SEIAA 497 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mangalesh S.Mangalur
2	Name & Location of the Project	Grey Granite Quarry Project at Sy. Nos.177/2 of Kukanur Village, Kukanur Taluk, Koppal District (3-28 Acres) N 15° 28' 38.03456" to N 15° 28' 42.43429" E 76° 00' 34.14431" to E 76° 00' 38.44441"
3	Type Of Mineral	Grey Granite Quarry Project
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta

6	Area in Acres	3-28 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,333 Cum/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	3,40,132 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,500 Cum/Annum (excluding waste)
11	**CER Activities:** To grow 500 No. of additional plantation on either side of the approach road from quarry location to KukanurVillage Road	
12	EMP Budget	Rs. 21.01 Lakhs (Capital Cost) &12.01 Lakhs (Recurring cost)
13	Forest NOC	06.04.2022
14	Quarry plan	05.11.2022
15	Cluster certificate	28.09.2022
16	Revenue NOC	07.09.2022
17	C & I Notification	10.11.2022
18	DTF	14.06.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the working was carried on in 2009-10 and penalty has been paid for the same to DMG. And as per the historical satellite images of the applied area no mining activities carried out post 2010. The committee noted the clarification and appraised the project.

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius and the total area of leases including the present lease is 10-38 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 225meters 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,40,132Cum(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,333 Tones/ Annum (including waste) with a condition that the EC is subject to the final Orders of Lokayukta.

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

288.77 Savnur Building Stone Quarry Project at Savanur Village, Savanur Taluk of Haveri District (1-00 Acre) by Sri AzamKhan A Desai - Online Proposal No.SIA/KA/MIN/402583/2022 (SEIAA 526 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri AzamKhan A Desai
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 466/10 of Savanur Village, Savanur Taluk of Haveri District (1-00 Acre) Lattitude / Longitude N14°59'36.55" E75°21'50.77" N14°59'37.34" E75°21'51.92" N14°59'34.97" E75°21'53.97" N14°59'34.16" E75°21'52.88"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	8,421.05Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,38,075 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,000 Tones/Annum (excluding waste)
11	CER Activities: To grow additional of 150 trees in & around SavanurGovt. School,Village area plant area, vicinity of office.	
12	EMP Budget	Rs. 17.15 Lakhs (Capital Cost) & Rs. 6.90 Lakhs (Recurring cost)
13	Forest NOC	04.07.2022
14	Quarry plan	17.11.2022
15	Cluster certificate	17.11.2022
16	Revenue NOC	06.2022
17	Notification	27.09.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 1-00 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 strengthening the approach road to the quarry standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,38,075 Tones (including waste) and estimated the life of the quarry to be 17 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,421.05Tones/Annum (including waste)

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

288.78 Building Stone Quarry Project at Telakuni Village, Aland Taluk & Kalaburagi District (2-00 Acres) by Sri Mehmood Ali - Online Proposal No.SIA/KA/MIN/405721/2022 (SEIAA 500 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mehmood Ali
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 38/*/6 of Telakuni Village, Aland Taluk & Kalaburagi District (2-00 Acres)

P. No.	Latitude	Longitude
A	N 17°36'24.80"	E 76°35'05.60"
B	N 17°36'21.00"	E 76°35'07.20"
C	N 17°36'19.90"	E 76°35'05.60"
D	N 17°36'23.30"	E 76°35'03.60"

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	56,122Tones/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	3,03,108 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	55,000 Tones/Annum (excluding waste)
11	CER Activities:To grow 200 No. of additional plantation on either side of the approach road from quarry location to Telakuni Village Road	
12	EMP Budget	Rs. 14.60 Lakhs (Capital Cost) & Rs. 3.56 Lakhs (Recurring cost)
13	Forest NOC	17.11.2020
14	Quarry plan	13.10.2022
15	Cluster certificate	20.10.2022
16	Revenue NOC	29.09.2020
17	Notification	24.12.2021

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that top soil and earth has be removed for constructing agriculture purpose farm pond and as per EIA Notification 2006 vide S.O no. 1244 (E) dated 28.03.2020, removal of earth for personal use is exempted. The committee noted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 2-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 485 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 IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,03,108 Tones (including waste) and estimated the life of the quarry to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 56,122Tones/Annum (including waste)

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

288.79 Building Stone Quarry Project at Sy. No. 219/1P1 of Nalkur Village, Brahmavara Taluk, Udupi District (4-00 Acres) (QL No. 56/R-1), Worked by Sri Praveen Hegde - Online Proposal No.SIA/KA/MIN/405162/2022 (SEIAA 456 MIN 2022) : Expansion.

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Praveen Hegde
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 219/1P1 of Nalkur Village, Brahmavara Taluk, Udupi District (4-00 Acres) (QL No. 56/R-1) Latitude / Longitude N 13°30' 07.2" / E 74° 53' 20.6" N 13°30' 07.6" / E 74° 53' 23.9" N 13°30' 02.7" / E 74° 53' 25.9" N 13°30' 02.4" / E 74° 53' 22.3"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government	Government

	Revenue, Gomal, Private / Patta, Other]	
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,10,526Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.45 Crores (Rs. 145 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,38,841 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,00,000 Tones/Annum (excluding waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GLPS school at Nalkur Village
2nd	Rain water harvesting pits to the GLPS school at Nalkur Village
3rd	Health camp in GLPS school at Nalkur Village

12	EMP Budget	Rs. 49.78 Lakhs (Capital Cost) & Rs. 9.33 Lakhs (Recurring cost)
13	Quarry plan	17.09.2022
14	Cluster certificate	25.11.2020
15	CCR from KSPCB	13.09.2022

The proposal is for expansion, for which EC was earlier issued by SEIAA on 13.07.2015 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 13.09.2022. Proponent informed the committee that as per the DMG, DFO and revenue department signed join survey sketch the lease area is not inside the deemed forest area.

There is an existing cart track road to a length of 900 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 21,38,841tones (including waste) and estimated the life of mine to be 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,10,526tonns/Annum (including waste).

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

288.80 Building Stone Quarry Project at Sy. No.219/1P1 of NalkurVillage, Brahmavara Taluk, Udupi District (5-00 Acres) by M/s. Unity Rock Industries - Online Proposal No.SIA/KA/MIN/405205/2022 (SEIAA 459 MIN 2022) : Expansion

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>M/s. Unity Rock Industries</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No.219/1P1 of Nalkur Village, Brahmavara Taluk, Udupi District (5-00 Acres)
<table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 30' 07.0"</td><td>E 74° 53' 26.0"</td></tr>
<tr><td>B</td><td>N 13° 30' 08.4"</td><td>E 74° 53' 29.7"</td></tr>
<tr><td>C</td><td>N 13° 30' 03.9"</td><td>E 74° 53' 31.8"</td></tr>
<tr><td>D</td><td>N 13° 30' 01.8"</td><td>E 74° 53' 28.0"</td></tr>
<tr><td colspan="3">DATUM- WGS-84</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>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>5-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2,63,158Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.57 Crores (Rs. 157 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>26,66,739 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,50,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GLPS school at Nalkur Village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to the GLPS school at Nalkur Village</td></tr>
<tr><td>3rd</td><td>Health camp in GLPS school at Nalkur Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 46.36 Lakhs (Capital Cost) & Rs. 10.35 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Quarry plan</td><td>17.09.2022</td></tr>
<tr><td>14</td><td>Cluster certificate</td><td>25.11.2020</td></tr>
<tr><td>15</td><td>Revenue NOC</td><td>21.06.2022 & 22.06.2022</td></tr>
<tr><td>16</td><td>CCR from KSPCB</td><td>13.09.2022</td></tr>
</table>

The proposal is for expansion, for which EC was earlier issued by SEIAA on 13.08.2015 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 13.09.2022 and had obtained transfer of EC from SEIAA on 24.12.2018. Proponent informed the committee that as per the DMG, DFO and revenue department signed join survey sketch the lease area is not inside the deemed forest area.

There is an existing cart track road to a length of 645 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 26,66,739tones (including waste) and estimated the life of mine to be 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,63,158tonns/Annum (including waste).

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

288.81 Building Stone Quarry Project at DevarHipparagi Village, DevarHipparagi Taluk, Vijaypur District (6-00 Acres) by M/s. S.S. Alur Construction Company - Online Proposal No.SIA/KA/MIN/407087/2022 (SEIAA 513 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. S.S. Alur Construction Company
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 595/7 of DevarHipparagi Village, DevarHipparagi Taluk, Vijaypur District (6-00 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	6-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,63,158Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.64 Crores (Rs. 164 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	21,32,911 Tones (including waste)

Latitude	Longitude
N 16⁰ 50' 07.00"	E 76⁰ 02' 12.00"
N 16⁰ 50' 04.39"	E 76⁰ 02' 15.70"
N 16⁰ 49' 59.09"	E 76⁰ 02' 12.62"
N 16⁰ 50' 00.43"	E 76⁰ 02' 09.68"

<table>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,50,000 Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GHPS school at Devar Hipparagi Village.</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to the GHPS school at Devar Hipparagi Village.</td></tr>
<tr><td>3rd</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>4th</td><td>Conducting E-waste drive campaigns in GHPS at Devar Hipparagi Village.</td></tr>
<tr><td>5th</td><td>Health camp in GHPS at Devar HipparagiVillage.</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 36.78 Lakhs (Capital Cost) & Rs. 11.26 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>19.10.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>17.11.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>18.11.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>27.09.2022</td></tr>
<tr><td>17</td><td>Notification</td><td>25.10.2022</td></tr>
</table>

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 6-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 420 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalting the approach road to the quarry and to the crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and also to manage top soil, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 21,32,911Tones (including waste) and estimated the life of the quarry to be 8years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,63,158Tones/Annum (including waste)

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

288.82 Building Stone Quarry Project at Harapanahalli Village, Harapanahalli Taluk, Vijayanagar District (2-00 Acres) (QL.No:41) by Sri Manjunatha B.M.- Online Proposal No.SIA/KA/MIN/401002/2022 (SEIAA 403 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 Manjunatha B.M.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at In Part of Sy. No. 492/BP1of Harapanahalli Village, Harapanahalli Taluk, Vijayanagar District (2-00 Acres) (QL.No:41)
<table>
<tr><th>Corner Point No</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 14° 44' 47.2"</td><td>E 75° 58' 04.80"</td></tr>
<tr><td>B</td><td>N 14° 44' 49.4"</td><td>E 75° 58' 03.90"</td></tr>
<tr><td>C</td><td>N 14° 44' 50.5"</td><td>E 75° 58' 07.50"</td></tr>
<tr><td>D</td><td>N 14° 44' 48.3"</td><td>E 75° 58' 08.40"</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>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>1,02,041 Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.21 Crores (Rs. 121 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>5,64,861 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>1,00,000Tones/Annum (including waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To contribute to Gudekote Bear Sanctuary.
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to common public places to the GHPS school at Harapanahalli Village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to the GHPS school at Harapanahalli Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 31.01 Lakhs (Capital Cost) & Rs. 7.70 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Quarry plan</td><td>28.07.2022</td></tr>
<tr><td>14</td><td>Cluster certificate</td><td>08.08.2022</td></tr>
<tr><td>15</td><td>CCR from KSPCB</td><td>13.12.2022</td></tr>
<tr><td>16</td><td>Audit Report</td><td>21.09.2022</td></tr>
</table>

The proposal is for expansion, for which EC was earlier issued by DEIAA on 03.02.2017 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from KSPCB dated 13.12.2022 and had obtained transfer of EC from SEIAA on 01.07.2022.

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 proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,64,861tones (including waste) and estimated the life of mine to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,02,041 tonns/Annum (including waste).

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

288.83 Building Stone Quarry Project at Challari Village, Koppal Taluk, Koppal District (7-20 Acres) by Sri Mahesh R Hugar- Online Proposal No.SIA/KA/MIN/403324/2022 (SEIAA 431 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Mahesh R Hugar
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.125/2 of Challari Village, Koppal Taluk, Koppal District (7-20 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	7-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	3,57,183Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.38 Crores (Rs. 138 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	31,38,642 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,57,183 Tones/Annum (including waste)

Corner Point No	Latitude	Longitude
A	15° 34' 46.98750" N	76° 15' 04.32099" E
B	15° 34' 38.54762" N	76° 15' 02.89073" E
C	15° 34' 41.05566" N	76° 14' 57.99498" E
D	15° 34' 45.41232" N	76° 14' 59.03684" E

11	**CER Activities:** Year: Within 1st Year Corporate Environmental Responsibility (CER): Propose take up 150 numbers of additional plantation on either side of the approach road from quarry location & Crusher area (Gap Filling)	
12	EMP Budget	Rs. 15.10 Lakhs (Capital Cost) & Rs. 7.22 Lakhs (Recurring cost)
13	Forest NOC	24.05.2022
14	Quarry plan	18.08.2022
15	Cluster certificate	20.08.2022
16	Revenue NOC	18.05.2022
17	Notification	01.08.2022

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 leases is 7-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1000 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 31,38,642 Tones (including waste) and estimated the life of the quarry to be 9 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,57,183Tones/annum(including waste).

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

288.84 Ornamental Granite (Black Granite) Quarry Project at Jyothigowdanapura Village, Chamarajanagara Taluk & District (1-20 Acres) by M/s. Vivek Exports - Online Proposal No.SIA/KA/MIN/402639/2022 (SEIAA 420 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Vivek Exports
2	Name & Location of the Project	Ornamental Granite (Black Granite) Quarry Project at Sy. No.184 of Jyothigowdanapura Village, Chamarajanagara Taluk & District (1-20 Acres)
3	Type Of Mineral	Ornamental Granite (Grey Granite) Quarry

C. P	Latitude	Longitude
A	N 11°57'27.2"	E 77°04'03.5"
B	N 11°57'25.1"	E 77°04'06.5"
C	N 11°57'23.1"	E 77°04'06.1"
D	N 11°57'25.1"	E 77°04'03.0"

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,505 Cum/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,600 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	301Cum/Annum (excluding waste)
11	**CER Activities:** To grow 150 No. of additional plantation on either side of the approach road from quarry location to Jyothigowdanapura Village Road	
12	EMP Budget	Rs. 7.35 Lakhs (Capital Cost) &2.25 Lakhs (Recurring cost)
13	Forest NOC – PCCF	27.09.2022
14	Quarry plan	02.06.2022
15	Cluster certificate	24.08.2022
16	Revenue NOC	07.11.2002

The proposal is for renewal and the lease was granted on 01.07.2003. Proponent had submitted audit report till 2021-22 certified from DMG and informed that no mining activity was carried out from 2013-14 till date. As per distance certificateissued by PCCF dated 27.09.2022, the proposed area is 3.26km away from the boundary of BRT Tiger reserve and outside the ESZ boundary of BRT Tiger reserve.

There is an existing cart track road to a length of 500meters 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 and road leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to make provision for dump within the site area, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 21,600cum(including waste) and estimated the life of the quarry as 14years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,505 Cum/Annum (including waste)

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

288.85 Building Stone Quarry Project at ChikkanayakanaHosalli village, Kushalanagara Taluk, Kodagu District (1-50 Acres) by Sri Rajendra R - Online Proposal No.SIA/KA/MIN/408744/2022 (SEIAA 529 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 Rajendra R</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 32/3 of ChikkanayakanaHosalli village, Kushalanagara Taluk, Kodagu District (1-50 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>X1</td><td>N 12°33'56.40"</td><td>E 75°58'24.90"</td></tr>
<tr><td>X2</td><td>N 12°33'58.10"</td><td>E 75°58'29.40"</td></tr>
<tr><td>A</td><td>N 12°33'57.00"</td><td>E 75°58'27.20"</td></tr>
<tr><td>B</td><td>N 12°33'54.90"</td><td>E 75°58'28.90"</td></tr>
<tr><td>C</td><td>N 12°33'54.20"</td><td>E 75°58'26.00"</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>1-50 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>45,912Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.25 Crores (Rs. 25 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry-Cu.m / Ton</td><td>2,37,226 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>45,000Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To grow 150 No. of additional plantation on either side of the approach road from quarry location to ChikkanayakanaHosalli Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 15.65 Lakhs (Capital Cost) & Rs. 3.03 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>13.06.2022</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>22.11.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>22.11.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>21.05.2022</td></tr>
<tr><td>17</td><td>Notification</td><td>16.11.2022 (manual mining)</td></tr>
</table>

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 1.50 Acres and hence the project is categorized as B2.

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

norms &should grow trees all along the approach road during the first year of operation and also to manage top soil, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,37,226 Tones (including waste) and estimated the life of the quarry to be 6years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 45,912 Tones/Annum (including waste).

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

288.86 Building Stone Quarry Project at Nijaganahalli Village, K. R. Nagar Taluk & Mysore District (2-04 Acres) by Sri Somashekhar- Online Proposal No.SIA/KA/MIN/407800/2022 (SEIAA 521 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 Somashekhar</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos. 28/05 & 29/03 of Nijaganahalli Village, K. R. Nagar Taluk & Mysore District (2-04 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 12°26'09.00"</td><td>E 76°16'10.90"</td></tr>
<tr><td>B</td><td>N 12°26'08.70"</td><td>E 76°16'13.20"</td></tr>
<tr><td>C</td><td>N 12°26'05.80"</td><td>E 76°16'14.50"</td></tr>
<tr><td>D</td><td>N 12°26'06.30"</td><td>E 76°16'11.20"</td></tr>
<tr><td>E</td><td>N 12°26'06.00"</td><td>E 76°16'11.20"</td></tr>
<tr><td>F</td><td>N 12°26'06.10"</td><td>E 76°16'10.50"</td></tr>
<tr><td>G</td><td>N 12°26'07.80"</td><td>E 76°16'10.20"</td></tr>
<tr><td>H</td><td>N 12°26'07.60"</td><td>E 76°16'09.40"</td></tr>
<tr><td>I</td><td>N 12°26'08.30"</td><td>E 76°16'09.20"</td></tr>
<tr><td>J</td><td>N 12°26'08.50"</td><td>E 76°16'10.00"</td></tr>
<tr><td>K</td><td>N 12°26'09.40"</td><td>E 76°16'09.80"</td></tr>
<tr><td>L</td><td>N 12°26'08.80"</td><td>E 76°16'11.00"</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>2-04 Acres</td></tr>
</table>

7	Annual Production (Metric Ton / Cum) Per Annum	67,065Tones/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	4,10,280 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	65,724Tones/Annum (excluding waste)
11	**CER Activities:** To grow 200 No. of additional plantation on either side of the approach road from quarry location to Nijaganahalli Village Road	
12	EMP Budget	Rs. 14.80 Lakhs (Capital Cost) & Rs. 3.60 Lakhs (Recurring cost)
13	Forest NOC	21.07.2022
14	Quarry plan	28.10.2022
15	Cluster certificate	31.10.2022
16	Revenue NOC	06.08.2022
17	Notification	21.09.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the there was old lease with QL no. 199 and the lease was expired in 2009. As per the historical images no additional workings area carried out since 2015 till date and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there 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 5-24 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 560 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 leading to crusher as per IRC standard norms &should grow trees all along the approach road during the first year of operation and to grow three tier plantation towards crusher, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,10,280 Tones (including waste) and estimated the life of the quarry to be 7years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 67,065Tones/Annum (including waste).

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

288.87 Building Stone Quarry Project at Belur(J) Village, Kalaburagi Taluk & District (3-13 Acres) by SriSiddangouda S Patil - Online Proposal No.SIA/KA/MIN/407401/2022 (SEIAA 515 MIN 2022)

The committee initially sought clarifications for the earlier workings in the proposed area as per KML submitted by proponent, for which the proponent informed that they will come back with clarifications. Hence the committee after discussion decided to defer the appraisal of the project.

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

288.88 Building Stone Quarry Project at Chikkakeryaginahalli Village, Sandur Taluk, Ballary District (11-90 Acres) (QL.No.HPT: 527) by Sri B. K Basavaraj - Online Proposal No.SIA/KA/MIN/405995/2022 (SEIAA 504 MIN 2022) : Expansion

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri B. K Basavaraj
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 415 of Chikkakeryaginahalli Village, Sandur Taluk, Ballary District (11-90 Acres) (QL.No.HPT: 527)

DGPS Points	Latitude (DD°MM'SS.S")	Longitude (DD°MM'SS.S")
BP-01	N14°57'48.53782"	E76°22'34.15696"
BP-02	N14°57'48.93289"	E76°22'42.18484"
BP-03	N14°57'41.69921"	E76°22'42.57792"
BP-04A	N14°57'42.12631"	E76°22'39.10677"
BP-05	N14°57'42.83146"	E76°22'35.34943"
BP-06	N14°57'42.85440"	E76°22'34.32863"

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 Revenue
6	Area in Acres	11-90 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,55,216 Tones/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	39,80,506 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,111Tones/Annum (excluding waste)
11	**CER Activities:** To grow 1,800 No. of additional plantation on either side of the approach road from quarry location to Chikkakeryaginahalli Road	
12	EMP Budget	Rs. 23.50 Lakhs (Capital Cost) & Rs. 12.45 Lakhs (Recurring cost)
14	Quarry plan	23.08.2022

15	Cluster certificate	06.06.2022
18	CCR from MoEF&CC	18.10.2022

The proposal is for expansion, for which EC was earlier issued by SEIAA on 24.09.2015 and the proponent submitted audit report till 2021-22 certified by DMG and CCR from MoEF&CC dated 18.10.2022.

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 proposed expansion in quantity should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of MoEF&CC in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 39,80,506tones (including waste) and estimated the life of mine to be 16 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,55,216 tonns/Annum (including waste).

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

288.89 Building Stone Quarry Project at Ucchangidurga Village in Harapanahalli Taluk, Vijayanagara District (9-00 Acres) by M/s. Nandi Stone Crusher - Online Proposal No.SIA/KA/MIN/406802/2022 (SEIAA 512 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>M/s. Nandi Stone Crusher</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos. 520/C1 & 520/C15 of Ucchangidurga Village in Harapanahalli Taluk, Vijayanagara District (9-00 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>N 14°33'45.3773"</td><td>E 76°01'08.7680"</td></tr>
<tr><td>2</td><td>N 14°33'50.7087"</td><td>E 76°01'07.5718"</td></tr>
<tr><td>3</td><td>N 14°33'54.5698"</td><td>E 76°01'09.6742"</td></tr>
<tr><td>4</td><td>N 14°33'54.6801"</td><td>E 76°01'10.8889"</td></tr>
<tr><td>5</td><td>N 14°33'53.4174"</td><td>E 76°01'10.8937"</td></tr>
<tr><td>6</td><td>N 14°33'51.6312"</td><td>E 76°01'13.1737"</td></tr>
<tr><td>7</td><td>N 14°33'52.3338"</td><td>E 76°01'13.6017"</td></tr>
<tr><td>8</td><td>N 14°33'44.9215"</td><td>E 76°01'12.4821"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
</table>

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	9-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	4,08,163Tones/Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.70 Crores (Rs. 70 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	22,21,312 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,00,000Tones/Annum (excluding waste)
11	**CER Activities:** Contribution to Gudekote Bear Sanctuary and to grow 900 No. of additional plantation on either side of the approach road from quarry location to Ucchangidurga Village Road	
12	EMP Budget	Rs. 25.00 Lakhs (Capital Cost) & Rs. 7.88 Lakhs (Recurring cost)
13	Forest NOC	08.07.2022
14	Quarry plan	04.11.2022
15	Cluster certificate	10.11.2022
16	Revenue NOC	02.07.2022
17	Notification	09.11.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that excavated area appearing in northern portion in applied area was excavated prior to 2011 for constructing farm pond (Krushi Honda) and further no excavation/mining has been carried out till date, which is clear from the historical satellite image. The committee noted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 9-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 500meters 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 IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 22,21,312Tones (including waste) and estimated the life of the quarry to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 4,08,163Tones/Annum (including waste).

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

288.90 Building Stone Quarry Project at Manchegowdanapalya Village, Ramanagara Taluk & District (10-30 Acres) by Sri B.N. Krishnamurthy - Online Proposal No.SIA/KA/MIN/407162/2022 (SEIAA 514 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 B.N. Krishnamurthy</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 88 of Manchegowdanapalya Village, Ramanagara Taluk & District (10-30 Acres)
<table>
<tr><th>P. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 12°43'650"</td><td>E 77°21'811"</td></tr>
<tr><td>B</td><td>N 12°43'564"</td><td>E 77°21'833"</td></tr>
<tr><td>C</td><td>N 12°43'574"</td><td>E 77°21'882"</td></tr>
<tr><td>D</td><td>N 12°43'534"</td><td>E 77°21'892"</td></tr>
<tr><td>E</td><td>N 12°43'523"</td><td>E 77°21'842"</td></tr>
<tr><td>F</td><td>N 12°43'560"</td><td>E 77°21'774"</td></tr>
<tr><td>G</td><td>N 12°43'528"</td><td>E 77°21'739"</td></tr>
<tr><td>H</td><td>N 12°43'545"</td><td>E 77°21'731"</td></tr>
<tr><td>I</td><td>N 12°43'630"</td><td>E 77°21'700"</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>Government Gomal</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>10-30 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>3,72,943 Tones/Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.95 Crores (Rs. 95 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,29,14,855 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>3,59,976Tones/Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: Propose take up 1000 No. of additional plantation on either side of the approach road from quarry location to Manchegowdanapalya Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 24.15 Lakhs (Capital Cost) & Rs. 8.03 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>11.02.2016</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>09.11.2022</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>10.11.2022</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>29.09.2015</td></tr>
<tr><td>17</td><td>C & I Notification</td><td>12.07.2022</td></tr>
</table>

As per the cluster sketch there are 14 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 area of the present lease is 10-30 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 900meters 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 IRC standard norms &should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,29,14,855 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,72,943Tones/Annum (including waste).

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

288.91 ToR : Ordinary Sand Quarry Project - MannurSugur Sand Block No. BLY-OSB-9 at Sy. No. 551(P) of MannurSugur Village, Siraguppa Taluk, Ballari District (53-00 Acres) (21.44 Ha) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/408430/2021 (SEIAA 385 MIN 2021)

For the proposal the proponent had requested through mail dated 20.12.2022, thatfor the current proposal they had already obtained ToR but, due to the issues with up gradation of PARIVESH while submitting the said proposal for EC it inadvertently submitted for ToR. The committee after discussion decided to reject the current proposal for ToR.

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

With the Permission of Chair

288.92 Building Stone Quarry Project at Thiramalakoppa village, Kolar Taluk and District (8-00 Acres) by M/s. DilipBuildcon Ltd. - Online Proposal No.SIA/KA/MIN/400077/2022 (SEIAA 544 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. DilipBuildcon Ltd.
2	Name & Location of the Project	Building Stone Quarry Project at Thiramalakoppa village, Kolar Taluk and District (8-00 Acres)

Corner Point No	Latitude	Longitude
A	13° 2'43.33"N	78° 1'2.29"E
B	13° 2'44.44"N	78° 1'9.96"E
C	13° 2'42.36"N	78° 1'10.26"E
D	13° 2'40.75"N	78° 1'11.24"E
E	13° 2'39.06"N	78° 1'13.13"E
F	13° 2'38.15"N	78° 1'15.11"E
G	13° 2'37.78"N	78° 1'17.67"E
H	13° 2'36.46"N	78° 1'15.38"E
I	13° 2'37.82"N	78° 1'10.65"E
J	13° 2'38.96"N	78° 1'9.01"E
K	13° 2'40.85"N	78° 1'8.10"E

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	8-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	4,08,163 Tones for 1st year &10,20,408Tones (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.35 Crores (Rs. 135 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,66,210 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,00,000 Tones for 1st year &10,00,000Tones (excluding waste)
11	**CER Activities:**	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS at Thiramalakoppa Village
2nd	Rain water harvesting pits to the GHPS at Thiramalakoppa Village

12	EMP Budget	Rs. 40.90 lakhs (Capital Cost) & Rs. 18.46 lakhs (Recurring cost)
13	Forest NOC	02.09.2021
14	Quarry plan	15.12.2022
15	Cluster certificate	15.12.2022
16	Revenue NOC	08.09.2021

17	C & I Notification	18.07.2022
18	JIR	08.09.2021

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 8-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 190 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry standard norms &should grow trees all along the approach road during the first year of operation and manage the traffic movement, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 21,66,210 Tones (including waste) and estimated the life of the quarry to be 2 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 4,08,163 Tones (including waste) for first year and 10,20,408 Tones (including waste) for second year.

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