

**Proceedings of the 272<sup>nd</sup> SEAC Meeting held on 3<sup>rd</sup>, 4<sup>th</sup> and 7<sup>th</sup> Jan - 2022**

**Members present in the Online meeting held on 3<sup>rd</sup>, 4<sup>th</sup> and 7<sup>th</sup> Jan - 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. Sarvamangala R. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Sri. R Gokul, IFS	Member Secretary

**Officials present**

1	Ravikumar J K	Sc O-1
2	Kirankumar B S	Sc O-1
3	Suhas H S	Sc O-1

The Chairman welcomed the members and initiated the discussion.

The proceedings of the 270<sup>th</sup> SEAC meeting held on 13<sup>th</sup> & 14<sup>th</sup> Dec - 2021 was read and it was decided that in agenda no. 270.6 the production details is to be read as annual production of 1,53,063 TPA and murram quantity of 1,50,000 tons for 1<sup>st</sup> Year.

The proceedings of the 271<sup>st</sup> SEAC meeting held on 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> Dec-2021 was read and it was decided that in the following agenda mentioned, few words needs to be substituted, which is read as follows:- (1) Agenda no. 271.34 - the decision part to be read as Member Secretary, SEAC to forward the proposal to SEIAA for further action (2) Agenda no. 271.18 - in the para mentioning cluster, the total area of the subject lease is to be read as 4-30 Acre instead of 1-00 Acre (3) Agenda no. 271.19 - in the para mentioning cluster, the total area of the subject lease is to be read as 2-27 Acre instead of 1-00 Acre (4) Agenda no. 271.18 - in the para mentioning cluster, the total area of the subject lease is to be read as 0-20 Acre instead of 1-20 Acre.

There after the proceedings of 270<sup>th</sup> SEAC meeting held on 13<sup>th</sup> & 14<sup>th</sup> Dec - 2021 and 271<sup>st</sup> SEAC meeting held on 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> Dec-2021 was accepted.



**Fresh Projects**

**EIA Projects**

**272.1 Brigade Mixed Use Development Project at Gunjur Village, Varthur Hobli, Bangalore District by M/s. MYSORE PROJECT PVT. LTD. - Online proposal number - SIA/KA/MIS/68733/2020 (SEIAA 125 CON 2020)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Mysore Projects Private Limited, Subsidiary of M/s. Brigade Enterprises Ltd. 29 <sup>th</sup> and 30 <sup>TH</sup> Floor, World Trade Centre, Brigade Gateway Campus, 26/1, Dr.Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru - 560 055
2	Name & Location of the Project	Brigade Mixed Use Development at Survey No. 230/1, 230/2, 230/3, 230/4P, 231/1A, 231/1B, 231/2, 231/3, 231/4, 231/5, 232/1A, 232/1B, 232/1C, 232/2, 232/3, 232/4, 232/5, 232/6, 233/1, 233/2, 234/1P, 234/2, 234/3, 269/1P, 270/1, 270/2 and 270/3P of Gunjur Village, VarthurHobli, 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 Development Project. Category 8(b), Townships and Area development projects as per the 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	Four Nalas in the project area. • Nala 1: Along the North boundary • Nala 2: Along the Eastern boundary • Nala 3: In centre of the project site and flow towards East • Nala 4 :Along the Southern boundary
6	Plot Area (Sqm)	1,96,475 Sq.m (48A 22G)
7	Built Up area (Sqm)	12,54,258 Sq.m
8	FAR • Permissible • Proposed	5.2 4.0
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	a) Residential 18 Blocks: 3B+GF+34UF b) Commercial (Office): 3 B+ GF+ 26 UF c) Hospital: 2 B+ GF + 5 UF d) School Block: 1B+GF+1UF e) Clubhouses: 3B + GF+ 2UF

		f) Retail Mall and Food Court:3B + GF+ 4 UF g) Sports & Recreation Centre:1 B + GF + 1 UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	5800 Dwelling Units of Residential Development, Offices for IT/ITES, Retail Mall, Food court/cafeteria, School, Hospital, Sports and Recreational Centre.
11	Height Clearance	AAI NOC Obtained Dated:27/12/2021 Justification: Existing building at a distance of 500mtrs from the proposed area has obtained HAL NOC for 99 Mtrs, the proposed project having maximum height of 115 mtrs.
12	Project Cost (Rs. In Crores)	1450 Crores
13	Disposal of Demolition waste and or Excavated earth	<ul style="list-style-type: none"> <li>Expected volume of demolition waste generation is 1200 Metric Tonnes. Same to be segregated as per C &amp; D waste management rules and disposed to authorized recyclers. Soil &amp; mortar shall be used as filling material for road and paving area formation.</li> <li>Excavated earth generation is 10,61,600 cum. Same to be completely utilized within project premises for formation of mounds within landscape, internal roads, site levelling, building back filling &amp; manufacture of soils stabilized blocks.</li> </ul>
14	Details of Land Use (Sq.m)	
	a. Ground Coverage Area	38,636.64 Sq.m
	b. Kharab Land	5,058.71 Sq.m(Excluded from total plot area)
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	61,993 Sq.m
	d. Internal Roads	85,350.36 Sq.m
	e. Paved area	
	f. Others Specify	10,495 Sq.m (Area left for CDP Road & PRR)
	g. Parks and Open space in case of Residential Township/ Area Development Projects	-----
	h. Total	1,96,475 Sq.m
15	WATER	
	I. Construction Phase	
	a. Source of water	Nearby Brigade Project Site

	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20KLD	
	d.	Waste water generation in KLD	16KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Temporary STP of 20KLD capacity	
	II. Operational Phase			
	a.	Total Requirement of Water in KLD	Fresh	3401 KLD
			Recycled	1832 KLD
			Total	5233 KLD
	b.	Source of water	Bangalore Water Supply and Sewerage Board (BWSSB)	
	c.	Waste water generation in KLD	4710 KLD	
	d.	STP capacity	Decentralized STPs of Total capacity of 4500 KLD for Residential, 450 KLD for Office, 130 KLD for Retail Mall, 125 KLD for School, 20 KLD for Sports & Recreation Centre & Bio-medical Liquid Waste Effluent Treatment Plant of 80 KLD for Hospital (Total Capacity of 5305 KLD)	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Flushing-1832 KLD, Landscaping-496 KLD, Construction/Avenue Plantation-961 KLD & HVAC-950 KLD	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof runoff	2500 cum	
	b.	No's of Ground water recharge pits	52 Nos. Deep Recharge Pits	
17	Storm water management plan	1 number of Collection Pond of 4000 cum to harvest excess surface runoff & 38 Nos sump of 100cum each for Podium Storm Water harvesting		
18	WASTE MANAGEMENT			
	I. Construction Phase			
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	<ul style="list-style-type: none"> <li>Organic Solid Waste of 100 kg/day to be handed over to local municipal agencies</li> <li>Inorganic Waste of 50 kg/day to be sold to recyclers</li> </ul>	
	II. Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	7,490 kg/day, Biodegradable Waste will be converted into compost through Organic Waste Converters and same shall be utilized as manure for plantations within the project	

			premises.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	11,235 Kg/day, Non-Biodegradable Waste to be handed over to local authorized recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	2,000 kg/year, which to be handed over to Authorized agencies for safe and scientific disposal
	d.	Quantity of E waste generation and mode of Disposal as per norms	500 kg/year, which to be handed over to Authorized agencies for safe and scientific disposal
19	<b>POWER</b>		
	a.	Total Power Requirement -Operational Phase	30MVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	20MVA (1000 KVA x 20 Nos.)
	c.	Details of Fuel used for DG Set	Dual Fuel mode with both High Speed Diesel (HSD) with Sulphur content less than 50ppm and Compressed Natural Gas (CNG)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total Energy Savings: 23.1%
20	<b>PARKING</b>		
	a.	Parking Requirement as per norms	9620 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS :B
	c.	Internal Road width (RoW)	8m Wide ROW, Internal driveway
21	CER Activities		<ul style="list-style-type: none"> <li>• Rejuvenation of Gunjur and Varthurlake.</li> <li>• Jobs for local people during construction and operation phase.</li> <li>• Free Medical check-up camps will be held</li> <li>• Signage on proposed CDP Road to avoid road accidents.</li> <li>• Providing Skill Development facilities</li> <li>• Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc.</li> <li>• Plantation in community areas</li> <li>• Construction of 45m wide CDP Road</li> </ul>
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>		Construction Phase:11.67Cr Operation Phase:42.83Cr

The proposal is for mixed use development in an area which is earmarked for residential (main) and agricultural as per Revised Master Plan of BDA. The proponent justified that land use permissible in residential (main) are residential and transportation, as the road abutting to project site is more than 18mtr wide, ancillary land use such as commercial, industrial and public use are allowed and ancillary land use is permitted as main land use.

The proponent informed that ToR was issued by SEIAA on 04/06/2021 and informed the committee that plot area reduced from 2,68,812 Sqm to 1,96,475 Sqm and BUA reduced from 17,03,600 Sqm to 12,54,258 Sqm with respect to ToRs issued, due to constraints in developing certain land areas having sensitive structures such as Schools and Temple and odd shape of the plot and requested the committee to consider the same.

The committee made note of the changes and during appraisal sought clarification for nalas present in the project area as per village map, provisions for rain water harvesting in the proposed area and provisions for bio-methanation plant and justification for height clearance. The proponent submitted clarifications and informed the committee that as per village map there are four tertiary nalas, one of the tertiary nala which originates within the project site is rerouted as per Deputy Commissioner Bangalore Order dated 20/05/2014 and nalas in north west, north east and southern direction are tertiary nalas and a buffer of 15mtrs on either side is provided for each.

For harvesting rain water, the proponent has proposed a total of 2500cum storage tank for runoff from roof top and a pond of 4000cum capacity for runoff from landscape and paved areas in addition to 52nos of deep recharge pits. The proponent informed the committee that they would explore all the possibilities to install bio-methanation plant for the proposed project.

The proponent informed that they were within the limits mentioned for height clearance as per the NOC issued by AAI on 27/12/2021. However with respect to HAL, the proponent justified that clearance has been obtained for an existing building closer to HAL Airport for 99mtrs and the proposed project being farther from HAL Airport, a total height of 115mtrs is proposed.

The proponent also submitted a revised tree list, consisting of 893 of existing trees, out of which 698 trees would be removed and 201 trees will be retained and an additional 2094 trees would be grown in lieu of the ones that are to be removed, thus proposing a total of 4625 trees in the project area. They further informed that they have made provision for charging electrical vehicles in 5% out of the total parking slots in the proposed project.

The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per the RMP of BDA and informed the proponent to harvest maximum rainwater in the proposed project area. As the project falls under HAL Airport limits and project with 34 upper floors, committee felt it necessary to have NOC from HAL for the proposed height. It was decided to defer the appraisal and proponent was asked to obtain height clearance from HAL.

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



**272.2 Establishment of Iron Ore Washing Crushing & Screening with DRI & Power Plant in Ranajitpura Village, Sandur Taluk, Bellary District by M/s. Ranjitpura Infrastructure Pvt. Ltd. - Online proposal number - SIA/KA/IND/50497/2020 (SEIAA 07 IND 2020)**

**About the project:**

Sl No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s.Ranjithpura Infrastructure Pvt. Ltd. (RIPL)
2	Name & Location of the project:	Extent 212.97 acres of KIADB land in Survey Nos. 40, 41, 42, 43, 44, 45, 47, 53 and 54 at Ranjithpura Village, Sandur Taluk, Ballari District
3	New /expansion/modification / product mix change:	New
4	Plot Area	212.97 Acres
5	Built Up Area	22.40 Acres
6	Project Cost	208 Crores.
7	Component of development:	Establishment of 1.Iron ore Washing Plant : 0.48 MTPA 2.Crushing & Screening Unit : 2x0.6 MTPA 3. Sponge Iron (DRI) Plant : 2x95 MTPA 4. Power Plant (WHRB) : 5 MW
8	Source of water -operational phase:	Ground water
9	Total Water Requirement (Domestic + Industrial) in KLD	5136 KLD
	Fresh Water in KLD	856 KLD.
	Recycled water in KLD	4280 KLD
10	Total waste water generation in KLD	24 KLD
11	Total effluents generation in KLD	Nil
12	Scheme of disposal of excess treated water	The entire processed water will be reutilized in the circuit, gardening & dust suppression.
13	ETP Capacity	A Thickener of 15m dia will be installed
14	STP Capacity	-
15	Waste Generation & its Disposal	24 KLD water mainly domestic waste utilize for gardening
	Solid Waste	<ul style="list-style-type: none"> <li>• 290 tons Tailings will be Sale to Palletisation plant after upgradation/sale to cement plant.</li> <li>• 48 tons Fly ash/Bottom ash will be used Filling/Brick Manufactures</li> <li>• 18 tons Dolochar will be Re used in process/sold to brick industry.</li> <li>• 0.85 tons Used oil/waste oil (TPA) will be used Authorized recyclers</li> <li>• 0.1 tons Sewage water treatment plant will</li> </ul>

		<p>be used as manure.</p> <ul style="list-style-type: none"> <li>0.25 tons Domestic waste will be Organic waste: Used as manure for greenbelt development.</li> </ul>																																				
	Hazardous Waste	All hazardous waste/used oil will be separated from other waste and stored in HDPE drums and will be handed over to authorized recyclers.																																				
16	Green Belt Coverage - % of total area	71.00 Acres (33.33%) including Greenbelt & Plantation area																																				
17	EMP	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>No.</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>I POLLUTION CONTROL</b></td> </tr> <tr> <td>1</td> <td>Water sprayer (Mobile)</td> <td>2</td> <td>26.00</td> </tr> <tr> <td>2</td> <td>Cement masonry / garland drains all along the plant area</td> <td>3000 m</td> <td>30.00</td> </tr> <tr> <td>3</td> <td>Drains along roads (both sides)</td> <td>2400 m</td> <td>12.00</td> </tr> <tr> <td>4</td> <td>Retaining wall</td> <td>800m</td> <td>12.00</td> </tr> <tr> <td>5</td> <td>Silt Settling tank and Rain water harvesting tank</td> <td>2 each</td> <td>8.00</td> </tr> <tr> <td>6</td> <td>Water tank near forest area / diesel pump and 100m pipe for watering</td> <td>4</td> <td>16.00</td> </tr> <tr> <td>7</td> <td>CSR cost (0.5 % of project cost)</td> <td></td> <td>104</td> </tr> </tbody> </table>	Sl. No.	Particulars	No.	Cost	<b>I POLLUTION CONTROL</b>				1	Water sprayer (Mobile)	2	26.00	2	Cement masonry / garland drains all along the plant area	3000 m	30.00	3	Drains along roads (both sides)	2400 m	12.00	4	Retaining wall	800m	12.00	5	Silt Settling tank and Rain water harvesting tank	2 each	8.00	6	Water tank near forest area / diesel pump and 100m pipe for watering	4	16.00	7	CSR cost (0.5 % of project cost)		104
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18	CER Activities Proposed	<p>Total-Rs-104 Lakhs <b>CER activities proposed by RIPL</b></p> <p>TheselectedactivitiesbyRIPLarelisted below</p> <ul style="list-style-type: none"> <li><i>Education: Training and developing knowledge and skills</i></li> <li><i>Medical checkup</i></li> <li><i>Cultural and social public welfare activities</i></li> <li><i>Providing scholarships</i></li> <li><i>Contributions or donation to schools, orphanages etc.</i></li> <li><i>Supplying drinking water, food and clothes to needed people</i></li> <li><i>Development and maintenance of roads, help in maintenance of quality of fertility of land etc.</i></li> </ul>																																				

The TOR was issued by SEIAA on 18<sup>th</sup> June 2020 and EIA report was submitted on 24<sup>th</sup> November 2021.



This is a proposal for establishment of Iron ore Washing Plant - 0.48 MTPA, Crushing & Screening Unit - 2x0.6 MTPA, Sponge Iron Plant- 2x95 MTPA and Power Plant - 5 MW in the KIADB allotted industrial plot.

As per the Forest NOC the proponent has to take conservation measures against Forest fires around 1km radius from the project site, since the project site is adjacent to Forest area. The proponent submitted conservation measures and also informed that he would abide by the same.

Public hearing was conducted on 31.08.2021. Committee observed that there are some complaints with regard to employment opportunities to local villagers, compensation to the farmers, pollution control measures, health checkup to the local villagers etc. The proponent submitted point wise compliance to all these issues and also other general issues raised by the public during public hearing. The proponent informed that the work will be commenced after strengthening the approach road as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

The committee informed the proponent to submit the emission load generated from Iron ore washing plant, Sponge iron plant, power plant etc and sought control measures proposed. Subsequently the proponent submitted the emission generated and proposed control measures.

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

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

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

**272.3 Formaldehyde, Formulation of Urea Formaldehyde Resin, Phenol Formaldehyde Resin & Melamine Urea Formaldehyde Resin Manufacturing Industry Project at Plot No.62K of Amble Industrial Area, 2<sup>nd</sup> Phase, Chikkamagaluru Taluk & District by M/s. DIVIJ INDUSTRY LLP - Online proposal number - SIA/KA/IND3/68755/2021 (SEIAA 06 IND 2021)**

**About the project:**

S.No	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Divij Industry LLP
2	Name & Location of the project:	Plot No.62K, Amble Industrial Area, 2 <sup>nd</sup> Phase, Chikmagalur - 577101, Karnataka
3	New/expansion/ modification / product mix change:	New

4	Plot Area	4046 sqm				
5	Built Up Area	809 sqm				
6	Project Cost	4 Crores				
7	Component of development:	Proposed Formaldehyde, Formulation of Urea Formaldehyde Resin, Phenol Formaldehyde Resin, and Melamine Urea Formaldehyde Resin Manufacturing Industry				
		<b>Sl. No.</b>	<b>Name of the Product</b>	<b>Quantity (TPD)</b>	<b>Quantity (MTA)</b>	
		1	Formaldehyde	100	36500	
		2	Urea Formaldehyde Resin	70	25550	
		3	Phenol Formaldehyde Resin	20	7300	
		4	Melamine Urea Formaldehyde Resin	50	18250	
		<b>Grand Total Quantity</b>		<b>240</b>	<b>87600</b>	
8	Source of water -operational phase:	KIADB water supply				
9	Total Water Requirement (Domestic + Industrial) in KLD	50 KLD				
	Fresh Water in KLD	50 KLD				
10	Total waste water generation in KLD	0.40 KLD				
11	Total effluents generation in KLD	2.55 KLD				
12	Scheme of disposal of excess treated water	The wastewater is proposed to be treated in a DEWAT system and water is to be reused in the industry for utility purpose.				
13	ETP Capacity	The wastewater is proposed to be treated in a DEWAT system.				
14	STP Capacity	The wastewater is proposed to be treated in a DEWAT system.				
15	Waste Generation & its Disposal:					
	Solid Waste	<b>Sl. No</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>Method of handling/ disposal</b>	
		1	General office waste	10 Kgs/ Month	Shall be stored in accordance to KSPCB guidelines & disposed to authorized scrap dealers	
	Hazardous Waste	<b>Sl. No</b>	<b>Type</b>	<b>Categoroy</b>	<b>Quantit y</b>	<b>Method of Disposal</b>
		1	Oil filters	3.3	4 Nos/A	Shall be store in a secured manner & handed over to KSPCB

					authorized incinerators / co-processing in cement kiln	
		2	Used oil	5.1	0.2 KLA	Shall be collected in a leak proof containers & disposed only to KSPC Bregistered authorized re-processors provided the oil meets the standards asper schedule-5-part A of the rules
		3	Empty Bags/ Barrels	33.1	12.5 TPA	Shall be stored in a secured manner & handed over to KSPCB authorized recyclers
		4	Oil-soaked cotton waste	33.2	2 Kg/A	Shall be store in a secured manner & handed over to KSPCB authorized incinerators / co-processing in cementkiln
16	Green Belt Coverage - % of total area	1335 sqm (33%)				
17	EMP	<b>Sl. No.</b>	<b>Description of Item</b>	<b>Capital Cost (in Lacs)</b>	<b>Recurring Cost (in Lacs)</b>	
		1	Air Pollution Control/ Noise	10	2	
		2	Water Pollution Control	20	2	
		3	Environmental Monitoring and Management	10	1.5	
		4	Green Belt	5	2	

			Development				
		5	Occupational Health	5	2		
			<b>Total</b>	<b>50</b>	<b>9.5</b>		
18	CER Activities Proposed	Total: <u>Rs 8 Lakh</u>					
		S. No	Activity	Year (Amount to be spent in Lacs)			Total amount to be spent in Lacs
				1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	
		1	Donation for education in nearest school	0.8	0.7 5	0.7 5	2.3
		2	Drinking water facility (RO system) in nearest School	0.4	0.2	0.2	0.8
		3	Medical health check-up	1	0.7 5	0.7 5	2.5
		4	Assistance in existing health facilities in nearest hospital	1	0.7	0.7	2.4
			<b>Total</b>	<b>3.2</b>	<b>2.4</b>	<b>2.4</b>	<b>8</b>

The ToR was issued on 02.09.2021 and the proponent has submitted EIA report on 16.11.2021. KIADB allotted land to Sunbrick Industries on 05.12.2013 for an area of 10-00 Acres, but the proponent made a lease agreement on 08.01.2021 for a plot area of 1-00 Acre.

The proponent informed that only briquettes and wood will be used as a fuel for boilers. The proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding. The proponent also informed that he will send the effluents and Hazardous Waste to authorized KSPCB vendors. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

The committee after 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.**

**272.4 Balakundi Pink Granite Quarry Project at OTFM Quarrying of Balakundi Village, Hungund Taluk, Bagalkot District (4-36 Acres) by Sri Prakash B. Bagewadi - Online proposal number - SIA/KA/MIN/238612/2021 (SEIAA 201 MIN 2020)**

**About the project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Prakash B. Bagewadi Near Laxmi Temple, Tukkanatti-591 224 Mudalagi Taluk, Belagavi District
2	Name & Location of the Project	Balakundi Pink Granite Quarry, QL.Area Applied in 4-36 Acres (1.984 Ha) in Sy.No. 270/3A & 270/5 , Patta Land, Balakundi Village, Hungund Taluk, Bagalkot Dist
3	Type of Mineral	Pink Granite
4	New / Expansion / Modification / Renewal	New
5	Type of Land (Forest, Government Revenue, Gomal, Private/Patta, Others)	Patta Land
6	Area in Ha.	1.984 Ha
7	Annual Production Proposed (Metric Tons/CUM)/Annum	33,333cum (Recovery 30% and 70% waste)
8	Project Cost (in Crores)	0.25 Crore (25.0 Lakhs)
9	Proved Quantity of mine/Quarry- Cu.m/ton	3,04,910cum (Recovery 30% and 70% waste)
10	Permitted Quantity per Annum – C.um/ton	33,333cum (Recovery 30% and 70% waste)
11	EMP Budget	Capital Cost Rs. 51,55,000/- and Recurring Cost Rs. 9,84,000/-
12	CER	The proponent Installing one Drinking water RO Plant to Balakundi Tanda Government School under CER activities.

The TOR was issued by SEIAA on 1<sup>st</sup> September 2020 and EIA report was submitted on 25<sup>th</sup> November 2021. The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified by C&I Dept. on 28.11.2019.

On behalf of the proponent his son Sri Sagar P Bagewadi attended the meeting. He informed that the proponent Sri Prakash Bagewadi died on 30.09.2020 and submitted family tree and notarised documents from family members to show that Sri Sagar.P. Bagewadi S/o Prakash.B.Bagewadi is the legal heir. The committee after discussion and deliberation decided to continue with the appraisal.

There is an existing cart track road to a length of 690meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

The public hearing was conducted on 21.09.2021 and the committee observed that there is no major negative opinion and the proponent further informed that dust pollution will be suppressed by sprinkling water during mining activity and also the approach road would be strengthened.

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

Considering the proved mineable reserve of 3,04,910cum (Recovery 30% and 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance in favour of Sri Sagar P Bagewadi for an annual production of 33,333cum (Recovery 30% and 70% waste) per annum.

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

**272.5 Balakundi Pink Granite Quarry Project at Patta Land, OTFM Quarrying of Balakundi Village, Hungund Taluk, Bagalkot District (9-16 Acres) by Sri Prakash B. Bagewadi - Online proposal number - SIA/KA/MIN/238281/2021 (SEIAA 202 MIN 2020)**

**About the project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Prakash B. Bagewadi Near Laxmi Temple, Tukkanatti-591 224 Mudalagi Taluk, Belagavi District
2	Name & Location of the Project	Balakundi Pink Granite Quarry, QL.Area Applied in 9-16 Acres (3.805 Ha), in Sy.No. 271/1 & 271/2, Patta Land, Balakundi Village, Hungund Taluk, Bagalkot Dist
3	Type of Mineral	Pink Granite
4	New / Expansion / Modification / Renewal	New
5	Type of Land(Forest, Government Revenue, Gomal,Private/Patta, Others	Patta Land
6	Area in Ha.	3.805 Ha
7	Annual Production Proposed (Metric Tons/CUM)/Annum	16,667cum (Recovery 30% and 70% waste)
8	Project Cost (in Crores)	0.50 Crore (50.0 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/ton	1,29,203cum (Recovery 30% and 70% waste)
10	Permitted Quantity per Annum – C.um/ton	16,667cum (Recovery 30% and 70% waste)
11	EMP Budget	<b>Capital Cost Rs. 54,79,000/- and Recurring Cost Rs. 13,78,000/-</b>

12	CER	The proponent Providing one ambulance to Project nearest Government Hospital under CER activities.
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The TOR was issued by SEIAA on 1<sup>st</sup> September 2020 and EIA report was submitted on 25<sup>th</sup> November 2021. The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified by C&I Dept. on 28.11.2019.

On behalf of the proponent his son Sri Sagar P Bagewadi attended the meeting. He informed that the proponent Sri Prakash Bagewadi died on 30.09.2020 and submitted family tree and notarised documents from family members to show that Sri Sagar.P. Bagewadi S/o Prakash.B.Bagewadi is the legal heir. The committee after discussion and deliberation decided to continue with the appraisal.

There is an existing cart track road to a length of 600meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

The public hearing was conducted on 21.09.2021 and the committee observed that there is no major negative opinion and the proponent further informed that dust pollution will be suppressed by sprinkling water during mining activity and also the approach road would be strengthened.

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

Considering the proved mineable reserve of 1,29,203cum (Recovery 30% and 70% waste)as per the approved quarry plan, the committee estimated the life of the mine as 8 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance in favour of Sri Sagar P Bagewadi for an annual production of 16,667cum (Recovery 30% and 70% waste) per annum.

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

**272.6 Expansion of Teaching and General Hospital Project at Sy. No. 67, BGS Health & Education City, Uttarahalli Road Kengeri, Bangalore South by M/s. BGS GLOBAL INSTITUTE OF MEDICAL SCIENCES - Online proposal number - SIA/KA/MIS/239236/2021 (SEIAA 137 CON 2021)**

The proposal is for expansion of teaching and hospital building from 650 bedded hospital to 1000 beds in an area spread across 35.32 Acres. The integrated conceptual plan submitted by proponent was not clear about the details of existing buildings and proposed buildings. Further the proponent has not provided justification for exemption from Environmental Clearance for the existing buildings other than the proposed hospital building within the considered site area, as the overall BUA of the existing buildings in the proposed site area is more than 20000Sq.m. Village map having legible boundary markings of the proposed area and the RMP of BDA needs to be submitted.




Committee decided to defer the appraisal of the project, until proper clarification is submitted for the above observations.

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

**272.7 Residential Apartment Aryan Landmarks Project at Yelahanka New Town , Bangalore North Taluk, Bangalore Urban District – by M/s. Aryan Landmarks - Online proposal number - SIA/KA/MIS/234667/2021 (SEIAA 128 CON 2021)**

**About the project:**

SL. NO.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri K Venkatesh Naidu, Managing partner, M/s.Aryan Landmarks, Office No. 8/9, 4 <sup>th</sup> Floor, Dr.Vishnuvardhan Road, Channasandra, Rajarajeshwari Nagar, Bengaluru, 560098
2	Name & Location of the Project	New Residential Construction Project “Aryan Landmarks” Situated at BBMP Khata No. 676/2775/1A, Yelahanka New Town, Bangalore North Taluk, Bengaluru District.
3	Type of Development	
	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	New Residential Construction Project Category 8(a), Building & Construction project as per the EIA notification 2006
4	Residential Township/ Area Development Projects	NA
5	New/ Expansion/ Modification/ Renewal	New
6	Water Bodies/ Nalas in the vicinity of project site	NA
7	Plot Area (Sqm)	4319.86Sq.m.
8	Built Up area (Sqm)	24928.2Sqm
9	FAR • Permissible • Proposed	2.5 4.0 (2.5 + 1.5 TDR)
10	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and UF]	2B + G + 14 U.F
11	Number of units/plots in case of Construction/Residential Township/Area Development Projects	130 units



12	Height Clearance	As per CCZM Bangalore permissible top elevation is 955AMSL and proposed top elevation is 952.58AMSL	
13	Project Cost (Rs. In Crores)	Rs. 75 Cr	
15	Disposal of Demolition waster and or Excavated earth	No demolition. 760Cum of excavated earth to be utilized within the site for backfilling and levelling.	
16	<b>Details of Land Use (Sqm)</b>		
	Ground Coverage Area	1520.8 Sq.m.	
	Kharab Land	Nil	
	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1382.06Sq.m	
	Internal Roads	1417.00 Sq.m	
	Paved area		
	Others Specify	--	
	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	Total	4319.86 Sq.m	
17	<b>WATER</b>		
	Construction Phase		
	Source of water	STP tertiary treated water and External tanker water	
	Quantity of water for Construction in KLD	2 KLD	
	Quantity of water for Domestic Purpose in KLD	1 KLD	
	Waste water generation in KLD	0.8 KLD	
	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile STP.	
18	<b>Operational Phase</b>		
	Total Requirement of Water in KLD	Fresh	69 KLD
		Recycled	34 KLD




		Total	103 KLD
	Source of water	BWSSB	
	Waste water generation in KLD	92 KLD	
	STP capacity	100 KLD	
	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology	
	Scheme of disposal of excess treated water if any	No excess treated water	
<b>19</b>	<b>Infrastructure for Rain water harvesting</b>		
	Capacity of sump tank to store Roof runoff	45 cum + 32 cum	
	No's of Ground water recharge pits	2No's	
	Storm water management plan	Tank of capacity 122.17cum is provided for runoff from hardscape and paved areas.	
<b>20</b>	<b>WASTE MANAGEMENT</b>		
	<b>Construction Phase</b>		
	Quantity of Solid waste generation and mode of Disposal as per norms	Solid waste to be collected manually and handed over to local body.	
	<b>Operational Phase</b>		
	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.2MT/day, Organic wastes to be segregated & collected separately and processed inorganic waste converter. Sludge generated from STP of capacity 173 kg/day to be reused as manure for greenery development purposes.	
	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	0.3 MT/day, Recyclable waste to be given to the waste collectors for recycling for further processing.	
	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets to be collected in leak proof barrel and handed over to the authorized waste oil recyclers.	
	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes to be collected & stored in bins and disposed to the authorized & approved KSPCB E- waste processors.	
<b>21</b>	<b>POWER</b>		
	Total Power Requirement -Operational Phase	BESCOM-620KW	

	Numbers of DG set and capacity in KVA for Standby Power Supply	2X300kVA
	Details of Fuel used for DG Set	Highspeeddieselfuel
	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total Saving is 15.97%
<b>22</b>	<b>PARKING</b>	
	Parking Requirement as per norms	167 ECS
	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS :A
	Internal Road width (RoW)	Approachroad width-18.28 m Internalroad widthis-8 m
	CER Activities Proposed	To provide necessary infrastructure facilities to Puttanahalli Government primary School, Bengaluru.
<b>23</b>	<b>EMP</b>	
	<ul style="list-style-type: none"> <li>Construction phase</li> </ul>	Construction phase: 8.00Lakhs Operation phase Capital Cost:133.00Lakhs Operation cost: 5.00Lakhs/year

The proposal is for construction of residential apartments in an area earmarked for industrial use as per RMP of BDA, for which the proponent informed that BDA in its letter dated 09/12/2013 had changed the land use from KHB-Industrial to residential. The proponent informed the committee that for the proposed site area, earlier EC(SEIAA 03 CON 2014) dated 16/03/2015 was issued to M/s Krishna Enterprises Housing & Infrastructure Pvt. Ltd. And in 24/06/2021, the property was sold to M/s Aryan Landmarks. The proponent informed that with respect to earlier EC (SEIAA 03 CON 2014), no construction activities was carried out till date and the proposal is for obtaining a new environmental clearance as they had surrendered the earlier EC (SEIAA 03 CON 2014), to SEIAA on 03/01/2022.

The committee made note of the clarifications submitted by proponent for the earlier EC and during appraisal sought clarification regarding provisions they made for harvesting rain water in the proposed area. The proponent submitted clarifications and informed the committee that for harvesting runoff rain water from roof top, a tank of 45cum capacity and for runoff from hardscape an additional tank of 32cum capacity and for recharging the ground water using the excess water 2nos of recharge pits have been proposed within the project area.

Theproponent had also submitted tree list with a provision to grow 80 trees 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 from the lake/drain as per RMP of BDA and informed the proponent 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.**

**272.8 Construction of Residential Apartment Building Shivabagh Project at Kadri Village, Mangalore Taluk, Dakshina Kannada by M/s.Land Traders Builders and Developers - Online proposal number - SIA/KA/MIS/239447/2021 (SEIAA 136 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. N. Subban Shiva Rao Address: M/s Land Trades Builders and Developers, "Milestone 25" 5th Floor, Shop No. 514, Door No. 15-5-223/140, Collectors Gate Junction, Balmatta, Mangalore
2	Name & Location of the Project	Name: Proposed Construction of Residential Apartment Building - "Shivabagh" Location: R.SY.No. 101/A2P1, 101/B1, 113/2A1A1A1A1API, T.SY No. 749/1AP1, Kadri Village, Mangalore- 575002, Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building. Category 8(a) Building and Construction Projects 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	NA
6	Plot Area (Sqm)	10,521.80Sqm
7	Built Up area (Sqm)	68,928.87Sqm
8	FAR • Permissible • Proposed	4.18 4.16

9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and UF]	3B+GF+34UF+TF	
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	147nos.	
11	Height Clearance	NOC Obtained from AAI dated 16.12.2021 Project Site Elevation as AMSL: 46.28 mtr, Permissible Top Elevation as per NOC: 175.28 mtr	
12	Project Cost (Rs. In Crores)	Rs. 103 Cr.	
13	Disposal of Demolition waster and or Excavated earth	Excavated earth: 71,320 Cum. Backfilling within site:3510Cum 67,810 Cu.m to be disposed through road contractor for bridge construction after necessary permissions from concerned department.	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	5,567.01 Sq.m	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,548.45 Sq.m	
d.	Internal Roads	1,203.17 Sq.m	
e.	Paved area		
f.	Others Specify	Land Reserved for Road Widening: 1,203.17 Sq.m	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	10,521.80 Sq.m	
15	WATER		
I.	Construction Phase		
a.	Source of water	Open well at site	
b.	Quantity of water for Construction in KLD	65KLD	
c.	Quantity of water for Domestic Purpose in KLD	15KLD	
d.	Waste water generation in KLD	12KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	UGD at site after treatment.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	83
		Recycled	59
		Total	142
b.	Source of water	Mangalore City Corporation piped supply	
c.	Waste water generation in KLD	110	

	d.	STP capacity	150 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	48 KLD excess treated water to be disposed of in sewer line of MCC.
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof runoff	310 Cum
	b.	No's of Ground water recharge pits	3 No. of Structures
17	Storm water management plan		The storm water from the site to be collected in tank of capacity 50cum, excess water to be used for recharge of ground water through 3nos of recharge pits.
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	50 kg/day, <ul style="list-style-type: none"> <li>Domestic Waste to be Sent to MSW site.</li> <li>Construction waste to be segregated and reused on site. Recyclables to be sold</li> <li>Plastic waste and package material to be sold to recyclers.</li> </ul>
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	180 kg/day, After segregation, biodegradable waste to be composted in an Organic Waste Converter (OWC) and to be used as manure at the Project site.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	145 kg/day, Recyclable waste to be sold to recyclers. Non-biodegradable to be sent to Common Solid Waste Management Facility.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from the DG sumps (occasional) to be sold to registered waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E waste to be stored at a designated place and sold to registered recyclers.
19	POWER		
	a.	Total Power Requirement -Operational Phase	4525 kW from MESCOM (Connected load) 1179 kW (Maximum demand load)
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 DG sets of 800 kVA each
	c.	Details of Fuel used for DG Set	HSD – 320 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 18.94%
20	PARKING		
	a.	Parking Requirement as per norms	328 ECS

	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS:E
	c.	Internal Road width (RoW)	8.0 mtr
21		CER Activities	<ol style="list-style-type: none"> <li>1. Construction of new storm water drain around the project site for public use.</li> <li>2. Construction rooms, sanitary facilities and contribution to Bharat Sevashram, Kanyana</li> <li>3. Environmental education through local art forms in Yakshagana and Kola</li> </ol>
22		EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Construction Phase: 46.00Lakhs Operation Phase: Capital cost: 513.00Lakhs Recurring cost:81Lakhs/annum

The proposal is for construction of residential apartments in an area earmarked for residential use as per Mangalore Urban Development Authority.

The committee during appraisal sought clarification regarding provisions made for harvesting rain water in the proposed area, water table depth, management and transportation of excavated earth outside the project area, providing additional entry/exit in conceptual plan and provisions proposed for using CNG in proposed project. The proponent submitted clarifications and informed the committee that for harvesting runoff rain water from roof top a tank of 310cum capacity and for runoff from hardscape an additional tank of 50cum capacity and for recharging the ground water using the excess water 3nos of recharge pits have been proposed within the project area. The proponent submitted geo-investigation report and bore log data, as per which water table depth is around 28.8mtrs to 35.6mtrs and proposed excavation will not intersect water table. Further the proponent submitted an undertaking that necessary permission from concerned authorities for utilizing excavated earth outside project area would be obtained and agreed to make provisions to use CNG in proposed project when it is available and also agreed to provide additional entry/exit on the eastern side of the project for smooth movement of traffic.

The proponent has made provision to grow 120 trees 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 from the lake/drain and setbacks as per the local zoning regulations and informed the proponent 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.**




**272.9 Modification & Expansion of Manufacturing Unit of Bulk Drugs at Baikampady Industrial Area New Mangalore, Mangalore Taluk, Dakshina Kannada District by M/s. SOLARA ACTIVE PHARMA SCIENCES LIMITED - Online proposal number - SIA/KA/IND3/243766/2021 (SEIAA 60 IND 2021) - Expansion**

**About the project:**

Sl. No.	PARTICULARS	INFORMATION												
1	Name of the project proponent:	M/s Solara Active Pharma Sciences Limited												
2	Name & Location of the project:	Proposed Expansion for Manufacturing of Bulk drugs at Plot no. 120 A/B, 121 & Plot No. 36, Baikampady Industrial Area, New Mangalore – 575011												
3	New/expansion/ modification / product mix change:	Expansion												
4	Plot Area	36,947.81 sqm												
5	Built Up Area	13,556.93sqm												
6	Project Cost	Rs. 20Crores												
7	Component of development:	Proposed Expansion And Modification Of Manufacturing Of Drugs <table border="1"> <thead> <tr> <th>S.No</th> <th>Products</th> <th>Proposed Capacity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>APIs, Bulk Drugs</td> <td>13,00,000 kgs/Annum</td> </tr> <tr> <td>2</td> <td>R&amp;D</td> <td>50,000 kgs/Annum</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>13,50,000 kgs/Annum</b></td> </tr> </tbody> </table>	S.No	Products	Proposed Capacity	1	APIs, Bulk Drugs	13,00,000 kgs/Annum	2	R&D	50,000 kgs/Annum		<b>Total</b>	<b>13,50,000 kgs/Annum</b>
S.No	Products	Proposed Capacity												
1	APIs, Bulk Drugs	13,00,000 kgs/Annum												
2	R&D	50,000 kgs/Annum												
	<b>Total</b>	<b>13,50,000 kgs/Annum</b>												
8	Source of water -operational phase:	KIADB water supply												
9	Total Water Requirement (Domestic + Industrial) in KLD	561.3KLD												
	Fresh Water in KLD	296.9 KLD												
10	Total waste water generation in KLD	514.205 KLD												
11	Total effluents generation in KLD (industrial + blowdown)	264.5 KLD												
12	Scheme of disposal of excess treated water	The existing STP of 35 KLD will be used for the treatment of domestic wastewater and ETP capacity of 330 KLD with RO & MEE facility for LTDS & HTDS effluent is proposed for treatment of process waste water. The STP treated water reused for gardening. The ETP treated water will be recycled for Boiler/process.												
13	ETP Capacity	330 KLD with RO												
14	STP Capacity	35 KLD												
15	Waste Generation & its Disposal:													
	Solid Waste													
	<table border="1"> <thead> <tr> <th>S.No</th> <th>Type of waste</th> <th>Existing</th> <th>Method of handling/ disposal</th> </tr> </thead> <tbody> </tbody> </table>	S.No	Type of waste	Existing	Method of handling/ disposal									
S.No	Type of waste	Existing	Method of handling/ disposal											



		<b>Quantity</b>		
1	Canteen waste (Organic waste)	70 Kgs/day	Shall be converted to soil conditioner and used as manure for green belt within the premises	
2	Inorganic waste	47 Kgs/day	Shall be handed over to KSPCB authorized vendors/recyclers	
<b>Hazardous Waste</b>				
<b>Sl. No</b>	<b>Type</b>	<b>Category</b>	<b>Quantity</b>	<b>Method of handling/ disposal</b>
1	Process Residues & waste	28.1	700 TPA	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
2	Spent Carbon	28.3	225 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
3	Spent catalyst	28.2	200 MTA	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
4	Used oil	5.1	15 KL	Disposed to authorized reprocessor
5	Residue/chemical containers	33.3 (33.1)	66.6 TPA	Handed over to authorized recyclers.
6	ETP sludge	34.3	273 MT/A	Handed over to Co-processing in cement plant/AFR Facility/TSDF.
7	Oil & process filters	35.1	2 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
8	Oil & chemical contaminated cotton, gloves & plastic waste	5.2	10 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
9	MEE salt	37.2 (34.3)	4200 MT/A	Handed over to Co-processing in cement plant/AFR Facility/TSDF.
10	Off specification ,date expired and returned goods	28.4 & 28.5	50 TPA	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers .
11	Spent solvent	28.6	10000 KLPA	Handed over to authorized recyclers.
<b>Other waste</b>				
<b>Sl. No.</b>	<b>Other waste</b>	<b>Waste category</b>	<b>Quantity in MT/KL/Annum</b>	
1	Metal and metalbearing wastes	B1	50	

	2	Glass wastes in nondispersible form:- Cullet and other waste and scrap of glass except for glass from cathode ray tubes and other activated glasses	B2020	18		
	3	Paper, paperboard and paper product wastes * * The following materials , provided they are not mixed with hazardous wastes: Waste and scrap of paper or paperboard of: - unbleached paper or paperboard or of corrugated paper or paperboard,- other paper	DB3020	12		
<b>Biomedical Waste</b>						
	<b>Sl. No</b>	<b>Type</b>	<b>Quantity</b>	<b>Method of handling/ disposal</b>		
	1	General biomedical waste from QC & OHC	1 MT/A	Handed over to authorized CBMWTF.		
16	Green Belt Coverage - % of total area		13,355.43 sqm (36.15%)			
17	<b>EMP</b>					
	<b>S.No.</b>	<b>Particulars</b>	<b>Capital cost (Rs. Lakhs)</b>	<b>Recurring cost. (Rs. Lakhs)</b>		
	1.	ETP	95	25.0		
	2.	Air pollution control	20			
	3.	Continuous monitoring system	5.0			
	4.	Environmental Monitoring & Management	2.0			
	5.	Occupational Health & safety and risk assessment	10.0			
	6.	Green belt	10.0			
	7.	RWH drains/storage	3.0			
	8.	Hazardous waste/solid waste management and disposal facilities	3.0			
		<b>Total</b>	<b>148</b>	<b>25.0</b>		
18	<b>CER Activities Proposed</b>					
	<b>Total: Rs 20 Lakh</b>					
	<b>S.No</b>	<b>Activities</b>	<b>Year - 2021</b>	<b>Year- 2022</b>	<b>Year- 2023</b>	<b>Total (Rs. In Lakhs)</b>
	1	Plantation in KIADB industrial area and maintenance for three years	2 lakhs	2 lakhs	2 lakhs	6 lakhs
	2	Provision of solar street lights in the Baikampady KIADB Industrial area association building.	6 Lakhs	4 Lakhs	-	10 Lakhs
	3	Development of infrastructure of school around project area.	2 Lakhs	2 lakhs	-	4 Lakhs
		<b>Total</b>	<b>10 Lakhs</b>	<b>8 Lakhs</b>	<b>2 lakhs</b>	<b>20 Lakhs</b>

The details of list products and with their capacity as under:

Total proposed capacity - 13,50,000 kgs/Annum, 1350 TPA

S.No	Product	Total Quantity (kg/Annum)	Total Quantity (Tons/Annum)	Therapeutic uses
1	Artesunate	500	0.5	Anti-malaria
2	Oseltamivir Phosphate	17000	17	Antiviral
3	Citicoline sodium	60500	60.5	Psychostimulants
4	Hydralazine HCl	26500	26.5	Antihypertensive
5	Praziquantel	201280	201.28	Anthelmintic
6	Succinylcholine chloride	6500	6.5	Muscle relaxant
7	Etomidate	450	0.45	Anesthetic
8	Medazolam	50	0.05	Aesthetic
9	MESNA	800	0.8	Chemo Adjuvant
10	Imiquimod	50	0.05	Selenium Supplement
11	Rifaximin	36700	36.7	Antibiotic
12	Buspirone HCl	5250	5.25	Anxiolytic
13	Edaravone	90	0.09	Amyotrophic Lateral Sclerosis (ALS)
14	Flecainide acetate	59850	59.85	Antiarrhythmic drug
15	Mebendazole	1650	1.65	Anthelmintic
16	Colchicine	350	0.35	Anti -gout
17	Disulfiram	2950	2.95	Aldehyde Dehydrogenase Inhibitor
18	Methoxsalen	10	0.01	Anti-psoriasis
19	Carvedilol	10000	10	High B.P.and heart failure
20	Tafamedis	1000	1	Cardiomyopathy
21	Tafamedis Meglumine	1000	1	Heart failure
22	Hydroxy Chloroquine sulphate	10000	10	Antimalarial
23	Setraline	2000	2	Depression & Panic attacks
24	Rotigotine	50	0.05	Parkinson disease
25	Edoxbn	5000	5	Prevent strokes or blood clots
26	Felbamate	3000	3	Control partial seizures
27	Albendazole	200	0.2	Anthelmintic
28	Cetirizine	20	0.02	Hay fever
29	Mefanic acid	250	0.25	Relieve mild to moderate pain
30	Valacyclovir	535000	535	Anti infections & Antiviruses
31	Sodium Cromoglycate	37000	37	Allergic & Asthma

32	Prazi Intermediate	325000	325	Anthelmintic
<b>Total</b>		<b>1350000</b>	<b>1350</b>	

**Note:** 15 products are manufactured at any given point of time.

**Details of Process emissions generation and its management.**

S. No	Name of the gas	Quantity kg/day	Disposal method
1	Hydrogen chloride	80	Scrubbed by using C.S. Lye solution
2	Carbon dioxide	350	Dispersed into the atmosphere
3	Hydrogen	2.0	Diffused by using Nitrogen through Flame arrestor
4	NOx	35	Let into the atmosphere
5	Sulphur Dioxide	28	Scrubbed by using C.S. Lye solution

**Details of Solid waste & Hazardous waste generation and its management.**

S.No	Type of waste	Existing Quantity	Method of handling/ disposal
1	Canteen waste (Organic waste)	70 Kgs/day	Shall be converted to soil conditioner and used as manure for green belt within the premises
2	Inorganic waste	47 Kgs/day	Shall be handed over to KSPCB authorized vendors/recyclers

Utility	Water Requirement	Effluent Water		Total Effluent Generation (KLD)	Pollution Load in kgs	
		HTDS	LTDS		TDS	COD
Domestic use	34.2	0	27.36	27.36	41.04	16.416
Process	144.3	90.4	65.3	155.7	11677.5	3736.8
Scrubbers	2	2	0	2	50	2.1
R&D/QC	12	0	12	12	60	43.2
Boiler	192	0	24.8	24.8	54.56	0
Cooling towers & Chiller	156.8	0	50	50	150	0
MEE Condensate	0	0	157.3	157.345	73.9522	3146.9
RO Reject	0	65	0	65	195	0
ETP B/W & Rinsing	20	0	20	20	30	140
<b>TOTAL</b>	<b>561.3</b>	<b>157.4</b>	<b>356.8</b>	<b>514.205</b>	<b>12107.1</b>	<b>6945.42</b>

**HAZARDOUS SOLID WASTE DETAILS**

S.No	Type	Category	Quantity	Method of handling/ disposal
1	Process Residues & waste	28.1	700 TPA	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
2	Spent Carbon	28.3	225 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
3	Spent catalyst	28.2	200 MT A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
4	Used oil	5.1	15 KL	Disposed to authorized reprocessor
5	Residue/chemical containers	33.3 (33.1)	66.6 TPA	Handed over to authorized recyclers.
6	ETP sludge	34.3	273 MT/A	Handed over to Co-processing in cement plant/AFR Facility/TSDF.
7	Oil & process filters	35.1	2 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
8	Oil & chemical contaminated cotton, gloves & plastic waste	5.2	10 MT/A	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
9	MEE salt	37.2 (34.3)	4,200 MT/A	Handed over to Co-processing in cement plant/AFR Facility/TSDF.
10	Off specification ,date expired and retured goods	28.4 & 28.5	50 TPA	Handed over to authorized incinerator/ Co processing in cement plant/ authorized recyclers.
11	Spent solvent	28.6	10,000 KLPA	Handed over to authorized recyclers.

#### OTHER WASTE

SI No	Other waste	Waste category	Quantity in MT/KL/Ann um
1	Metal and metal bearing wastes	B1	50

2	Glass wastes in nondispersible form:- Cullet and other waste and scrap of glass except for glass from cathode ray tubes and other activated glasses	B2020	18
3	Paper, paperboard and paper product wastes * * The following materials , provided they are not mixed with hazardous wastes: Waste and scrap of paper or paperboard of: - unbleached paper or paperboard or of corrugated paper or paperboard,- other paper	DB3020	12

### BIOMEDICAL WASTE

S.No	Type	Quantity	Method of handling/ disposal
1	General biomedical waste from QC & OHC	1 MT/A	Handed over to authorized CBMWTF.

This is a proposal for expansion for the existing unit, for which E.C. was issued on 07.01.2016 and the proponent submitted certified compliance to earlier E.C. conditions from Regional Office, MoEF & CC on 02.05.2019.

The proponent has submitted consolidated pollution load and details for management of Hazardous Waste. The proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding. The proponent also informed that he would send the effluents and Hazardous Waste to authorized KSPCB vendors.

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

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

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

**272.10 Warkanahalli Building Stone Quarry Project at Warkalli Village, Yadgir Taluk, Yadgir District (1-20 Acres) by SRI UDAYA BHASKAR NAIK - Online proposal number - SIA/KA/MIN/241260/2021 (SEIAA 648 MIN 2021)**

#### About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Udaya Bhaskar S/o Devanna Naik H.No.6-2-125, Near BRB College Kadar Gundaldapnur, Taluk-Raichur, Dist-Raichur
2	Name & Location of the Project	"Building Stone Quarry" of Sri Udaya Bhaskar S/o Devanna Naik at Sy No: 148/4, Warkanalli village, Yadgir Taluk, Yadgir District Karnataka.

3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	1-20 Acre(0.6072 Ha)
7	Annual production (metric ton /Cum) per annum	40,001 tons/annum
8	Project Cost (Rs. In Crores)	75 Lakhs
9	Proved quantity of mine/quarry- Cu.m/Tons	2,00,120tons
10	Permitted quantity per annum- Cu.m/Ton	Average 40001 tons/annum
11	CER Activities	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1st	Plantations 30,000 Rs/Annum Rs Surrounding Water Pond.
	2 <sup>nd</sup>	Plantations 30,000 Rs/Annum Rs Surrounding Water Pond.
	3 <sup>rd</sup>	Plantations 30,000 Rs/Annum Rs Surrounding Water Pond.
	4 <sup>th</sup>	Plantations 30,000 Rs/Annum Rs Surrounding Water Pond.
	5 <sup>th</sup>	Plantations 30,000 Rs/Annum Rs Surrounding Water Pond.
12	EMP Budget	Rs.12.75 lakhs (Capital Cost) & Rs. 11.25 lakhs (Recurring cost)

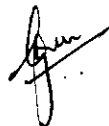
The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land conversion. The lease was notified on 28.02.2019.

There is an existing cart track road to a length of 500 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 4-32Acres. Hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 2,00,120 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 40,001 TPA.

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




**272.11 Building Stone Quarry Project at Kadanakoppa Village, Kalaghatgi Taluk, Dharwad District (1-00 Acres) by Smt. Roopa S Gokul - Online proposal number - SIA/KA/MIN/243285/2021 (SEIAA 671 MIN 2021) – Expansion**

**About the project:**

Sl. No	PARTICULARS	INFORMATION										
1	Name & Address of the Project Proponent	Smt. Roopa S. Gokul, Ugginakeri Village & post, Kalaghatgi Taluk, Dharwad District, Karnataka										
2	Name & Location of the Project	“Building Stone Quarry” of Smt. Roopa S. Gokul, Sy. No. 89/3, Kadanakoppa Village, Kalaghatgi Taluk, Dharwad District, Karnataka										
3	Type of Mineral	<b>Building Stone Quarry</b>										
4	New / Expansion / Modification / Renewal	Expansion (QL No: 692-R1/15-16)										
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land										
6	Area in Ha	0.4046 Ha										
7	Annual production (metric ton /Cum) per annum	31,579 TPA										
8	Project Cost (Rs. In Crores)	1.08crores										
9	Proved quantity of mine/quarry- Cu.m/Tons	2,23,791 Tonnes										
10	permitted quantity per annum- Cu.m/Ton	31,579 TPA										
11	<b>CER Action Plan:</b> <table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td> <td rowspan="2">Providing solar power panels to GHPS in Kuruvinakoppa</td> </tr> <tr> <td>2<sup>nd</sup></td> </tr> <tr> <td>3<sup>rd</sup></td> <td>Rain water harvesting pits in GHPS in Kuruvinakoppa</td> </tr> <tr> <td>4<sup>th</sup></td> <td rowspan="2">Plantation programme in Primary Health Center at Mishrikoti</td> </tr> <tr> <td>5<sup>th</sup></td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1 <sup>st</sup>	Providing solar power panels to GHPS in Kuruvinakoppa	2 <sup>nd</sup>	3 <sup>rd</sup>	Rain water harvesting pits in GHPS in Kuruvinakoppa	4 <sup>th</sup>	Plantation programme in Primary Health Center at Mishrikoti	5 <sup>th</sup>
Year	Corporate Environmental Responsibility (CER)											
1 <sup>st</sup>	Providing solar power panels to GHPS in Kuruvinakoppa											
2 <sup>nd</sup>												
3 <sup>rd</sup>	Rain water harvesting pits in GHPS in Kuruvinakoppa											
4 <sup>th</sup>	Plantation programme in Primary Health Center at Mishrikoti											
5 <sup>th</sup>												
12	EMP Budget	Rs.9.43 lakhs (Capital Cost) & Rs. 7.13 lakhs (Recurring cost)										

This is a proposal for expansion, for which the EC was issued earlier on 30.08.2014 and lease was granted on 09.10.2015. The proponent has obtained NOCs from Forest Dept. and has obtained land conversion order. The proponent has submitted the certified compliance to earlier EC conditions from KSPCB.

There is an existing cart track road to a length of 0.23 kms connecting lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

The Environmental Clearance was issued prior to 15.01.2016 and hence the project is categorized as B2. The proponent has collected baselinedata of air, water, soil



and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 2,23,791 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 7 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 31,579 Tonnes per annum (including waste).

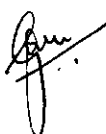
**Action: Member Secretary, SEAC to forward the proposal to SEIAA for further action.**

**272.12 Building Stone Quarry Project at Shinganahalli Village, Gudibande Taluk, Chikkabalapura District (3-00 Acres) by Sri Savitha R - Online proposal number - SIA/KA/MIN/234791/2021 (SEIAA 578 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. Savitha R D/o Sri. Ramu L. C. No.02, Lakshmi Nivas, 6 <sup>th</sup> Main, Pappiah Garden, Bangalore
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acres of Patta Land bearing Sy. No.72 of Shinganahalli Village Gudibande Taluk & Chikkaballapura District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,53,066Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.35 (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,86,436Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	1,53,066 Tons/Annum (Max.)
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>• Propose to provide Rain Water Harvesting System with ground water recharging facility, at the Govt. School in Shinganahalli Village,</li> <li>• Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Shinganahalli Village Road,</li> </ul>	
12	EMP Budget	Rs. 26.20 Lakhs (Capital Cost) & 13.86 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land conversion. The lease was notified on 25.08.2021.




There is an existing cart track road to a length of 930meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 11-00Acres. Hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 7,86,436Tons Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 1,53,066 TPA.

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

**272.13 Building Stone Qauarry Project at Tavaragera Village, Kalaburgi Taluk, Kalaburgi District (2-00 Acres) - M/s. MOHAMMED TAQUIUDDIN QURAI SHY - Online proposal number - SIA/KA/MIN/243915/2021 (SEIAA 656 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>M/s. Mohammed Taquiuddin Quraishy</b> At. Tavaragera, Kalaburgi Taluk & District.
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Patta Land bearing Sy. No. 137/4 of Tavaragera Village in Kalaburgi Taluk & District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	50,812 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.35 (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,54,058 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	50,812 Tons/Annum (Max.)
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>Propose take up 250 No. of additional plantation on either side of the approach road from quarry location to Tavaragera Village Road</li> </ul>	
12	EMP Budget	Rs.21.83Lakhs (Capital Cost) & 8.85 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and has obtained land conversion order. The lease was notified on 14.12.2020.

There is an existing cart track road to a length of 830meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 5 other leases within 500 meter radius from the lease area, out of which the lease granted for one lease was prior to 09.09.2013. The area of the 5 leases including the subject lease is 9-34Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 2,54,058 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 50,812 TPA.

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

**272.14 Building Stone (M-Sand) Quarry Project at Madamgeri Village, Savadatti Taluk, Belagavi District (7-00 Acres) by SRI. HIREGOUDA MALLANAIIKA NAIKAR - Online proposal number - SIA/KA/MIN/243948/2021 (SEIAA 657 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri. Hiregouda Mallanaika Naikar</b> Hospeth Galli, Madamgeri village, Savadatti Taluk, Belagavi District
2	Name & Location of the Project	Building Stone/M sand Quarry in 7-00 Acres of Patta Land bearing Sy. No. 527 of Madamgeri village, in Savadatti Taluk, Belagavi District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	7-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,03,550Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.65 (Rs. 65 Lakhs)
9	Proved Quantity of mine/ Quarry-	19,67,650Tons

	Cu.m / Ton	
10	Permitted Quantity Per Annum - Cu.m / Ton	2,03,550 Tons/Annum (Max.)
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Shivapura-Akkisagar Road</li> </ul>	
12	EMP Budget	Rs. 16.54 Lakhs (Capital Cost) & 18.20 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease was notified on 30.03.2021.

There is an existing cart track road to a length of 530meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 7-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 19,67,650 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 2,03,550 TPA.

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

**272.15 Building Stone Quarry project at Sy No. 142/3 of Ganaguru Village, Srirangapatna Taluk, Mandya District (1-19 Acres) by M/s. SANMATHI STONE CRUSHER - Online proposal number - SIA/KA/MIN/244004/2021 (SEIAA 658 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.16 Building Stone Quarry Project at Sy. No. 18/\*/2 of Nachawar Village, Sedam Taluk, Kalaburgi District (4-15 Acres) by M/s. PATIL INDUSTRIES - Online proposal number - SIA/KA/MIN/244247/2021 (SEIAA 659 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**




**272.17 Building Stone Quarry Project at B K Halli Village, Haliyala Taluk, Uttara Kannada District (2-00 Acres) by Sri SHIVAJI RAMANNA BANDIWAD - Online proposal number - SIA/KA/MIN/244202/2021 (SEIAA 660 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri Shivaji Ramanna Bandiwad,</b> #B/699, Siddarameshwar Galli Haliyal, Uttara Kannada District
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acre 20 Gunta of Patta Land bearing Sy. No: 218/5 in B K Halli Village, Haliyala Taluk, Uttara Kannada District, Karnataka.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	2-00 Acres 20 Guntas
7	Annual Production (Metric Ton / Cum) Per Annum	60,540Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.75 (Rs. 75 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,57,417Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	60,540Tons/Annum (Max.)
11	<b>Modified CER Action Plan:</b>	
	<b>Year</b>	<b>CER Activities</b>
	2022-23	Rejuvenation of B K Hallikere (1.00 Ha)
	2023-24	Rejuvenation of B K Hallikere (1.00 Ha)
12	EMP Budget	Rs. 1.05 Lakhs (Capital Cost) & 1.02 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and applied for land conversion. The lease was notified on 19.11.2021.

There is an existing cart track road to a length of 660meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 2-20 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative

measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 4,57,417Tons Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 8 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 60,540TPA(max).

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

**272.18 Ordinary Sand Quarry Project at Jogaladinni Village, Maski Taluk, Raichur District (8-00 Acres) - Sri SHIVANAND S DULANGE - Online proposal number - SIA/KA/MIN/244738/2021 (SEIAA 667 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION				
1	Name & Address of the Project Proponent	Sri. Shivanand S Dulange S/o Shrishail Dulange, Near KB School, No.5, Chanveer Nilaya, House no 1019/c/1, Vijayapura				
2	Name & Location of the Project	"Ordinary sand Quarry" of Sri Shivanand S Dulange at Sy. Nos. 15/1 & 15/2 of Jogaladinni Village, Maski Taluk, Raichur District				
3	Type of Mineral	Ordinary sand Quarry in Patta Land				
4	New /expansion/modification /renewal	New				
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land				
6	Area in Ha	3.20 Ha				
7	Annual production (metric ton /Cum) per annum	21,831 TPA				
8	Project Cost (Rs. In Crores)	0.6 Crores				
9	Proved quantity of mine/quarry- Cu.m/Tons	1,09,156 Tons				
10	Requested quantity per annum- Cu.m/Ton	21,831 TPA				
11	CER Activities <table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> to 5<sup>th</sup> year</td> <td>Plantation of Banks of Maski/ Sindhanoor Nalla Watering and Maintenance every year</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1 <sup>st</sup> to 5 <sup>th</sup> year	Plantation of Banks of Maski/ Sindhanoor Nalla Watering and Maintenance every year
Year	Corporate Environmental Responsibility (CER)					
1 <sup>st</sup> to 5 <sup>th</sup> year	Plantation of Banks of Maski/ Sindhanoor Nalla Watering and Maintenance every year					
12	EMP Budget	Rs.10.30 lakhs (Capital Cost) & Rs. 18.75 lakhs (Recurring cost)				

The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land convesion. The lease was notified on 23.07.2019. The lease is at a distance of 87meters from Maski/Sindhanoor halla.

There is an existing cart track road to a length of 320meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 8-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & Enforcement Guidelines 2020.

Considering the proved mineable reserve of 1,09,156 Tons Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 21,831TPA.

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

**272.19 Building Stone Quarry Project at Devur Village, Devar Hipparagi Taluk, Vijaypur District (6-05 Acres) by Sri Gurubalappa S Padaganur - Online proposal number - SIA/KA/MIN/237874/2021 (SEIAA 673 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Gurubalappa S Padaganur Bagalkot Road, #96, Muranakeri, Bijapur Bijapur Hudoo Colony -586109
2	Name & Location of the Project	"Building Stone Quarry" of Sri.Gurubalappa S Padaganur at Sy No: 199/2 Devur village Devar Hipparagi Taluk, Vijaypur District
3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	6-05 Acre(2.47 Ha)
7	Annual production (metric ton /Cum) per annum	84,211 tons/annum
8	Project Cost (Rs. In Crores)	2.0 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	21,04,964 tons
10	Permitted quantity per annum- Cu.m/Ton	84,211 tons/annum
11	CER Activities	

	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Plantations, Maintainance, Watering on both sides of kere.
	2 <sup>nd</sup>	Plantations, Maintainance on both sides of kere.
	3 <sup>rd</sup>	Plantations, Maintainance, Watering on both sides of kere.
	4 <sup>th</sup>	Plantations, Maintainance, Watering on both sides of kere.
	5 <sup>th</sup>	Plantations, Maintainance, Watering, on both sides of kere.
12	EMP Budget	Rs.15.35 lakhs (Capital Cost) & Rs. 14.05 lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land convesion. The lease was notified on 20.11.2021.

There is an existing cart track road to a length of 400 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 6-05 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 21,04,964 Tons as per the approved quarry plan, the committee estimated the life of the mine as 25 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 84,211 TPA.

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

**272.20 Building Stone Quarry Project at Soraturu Village, Honnali Taluk, Davangere District (6-23 Acres) by M/s. SRI BYRASIDDESHWAR ENTERPRISES - Online proposal number - SIA/KA/MIN/237933/2021 (SEIAA 674 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Byrasiddeshwar Enterprises Sri Sanjay Kumar A M S/o Marulappa Akalikatti, Agarabannihatti, Channagiri, Davanagere -577213
2	Name & Location of the Project	"Building Stone Quarry" of Sri Byrasiddeshwar Enterprises, Sri Sanjay Kumar A M at Sy. Nos. 132/1 & 132/2, Soraturuvillage, Honnali Taluk, Davanagere District



3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	6-23 Acre(2.661 Ha)
7	Annual production (metric ton /Cum) per annum	1,68,421 tons/annum
8	Project Cost (Rs. In Crores)	2.0 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	16,57,895 tons
10	permitted quantity per annum- Cu.m/Ton	1,68,421 tons/annum
11	CER Activities	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Plantations, Watering & Maintainance on both sides of nala.
	2 <sup>nd</sup>	Plantations, Watering & Maintainance on both sides of nala.
	3 <sup>rd</sup>	Plantations, Watering & Maintainance on both sides of nala.
	4 <sup>th</sup>	Plantations, Watering & Maintainance on both sides of nala.
	5 <sup>th</sup>	Plantations, Watering & Maintainance on both sides of nala.
12	EMP Budget	Rs.16.30 lakhs (Capital Cost) & Rs. 15.35 lakhs (Recurring cost)


The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land convesion. The lease was notified on 04.10.2021.

There is an existing cart track road to a length of 450 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 6-23 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 16,57,895 Tons as per the approved quarry plan, the committee estimated the life of the mine as 10 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 1,68,421 TPA.

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




**272.21 Building Stone Quarry Project at Kerehalli Village, Koppala Taluk & District (6-16 Acres) by M/s. Rashmi Stone Crusher - Online proposal number - SIA/KA/MIN/246290/2021 (SEIAA 676 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s Rashmi Stone Crusher, Smt. Rashmi, Proprietor, Hitnal Village, Koppal Taluk, Koppal District.
2	Name & Location of the Project	Building Stone Quarry in 6A-16G of Patta Land bearing Sy. Nos. 37/3 & 37/4 Kerehalli Village, Koppal Taluk & District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	6A-16G
7	Annual Production (Metric Ton / Cum) Per Annum	2,00,000 Tons/Annum
8	Project Cost (Rs. In Crores)	0.60 (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	18,93,449 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	2,00,000 Tons/Annum (Max.)
11	<b>CER Action Plan:</b> • Propose to provide Solar UPS to the nearby Govt. School at Kerehalli Village	
12	EMP Budget	Rs. 3.90 Lakhs (Capital Cost) & 8.84 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and has obtained land conversion order. The lease was notified on 14.12.2021.

There is an existing cart track road to a length of 600 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 6-16 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 18,93,449 Tons as per the approved quarry plan, the committee estimated the life of the mine as 10 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 2,00,000 TPA.

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

**272.22 Barytes Mine Project at Jambaldinne Village, Ilkal Taluk, Bagalkot District (5-03 Acres) by M/s. SAI UNIVERSAL MINING SERVICES - Online proposal number - SIA/KA/MIN/245240/2021 (SEIAA 677 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri K. Prabhakara Reddy Sai Universal Mining Services 15 DP2, Sankalapura Industrial area, Ballari Road, Hosapete-583201, Hosapete Dt,
2	Name & Location of the Project	Jambaldinne Barytes Mine M/s. Sai Universal Mining Services, Sy. Nos. 58/1(P), 58/10(P), 58/4(P), Jambaldinne Villege, Illical Taluk, Bagalkote Dt
3	Type Of Mineral	Barytes
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Ha	2.054
7	Annual Production (Metric Ton / Cum) Per Annum	20,000
8	Project Cost (Rs. In Crores)	0.15
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	426392 Tonnes
10	Permitted Quantity Per Annum - Cu.m / Ton	20,000 Tonnes
11	<b>CER Action Plan:</b>	
		• Propose to provide water Plant and amenities required to near by Govt. School at Jambaldinne Village
12	EMP Budget	Rs. 1.75 Lakhs (Capital Cost) & 1.55 Lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest & Revenue Dept. and has obtained land conversion order. The lease was notified on 01.04.2021.

There is an existing cart track road to a length of 50 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 5-03 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

During appraisal the committee informed the proponent to frame the systematic support rules & implemented. Since the quarrying is underground, standards of ventilation shall be strictly followed to supply sufficient air to the workers in underground.

Considering the proved mineable reserve of 3,04,558 Tons as per the approved quarry plan, the committee estimated the life of the mine as 16 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 14,247 Barytes and 5,506 tonnes/annum (average) waste.

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

**272.23 Building Stone Quarry Project at Thondawadi Village, Gundlupet Taluk, Chamarajanagar District (4-31 Acres) by Sri H S SOMESHEKAR - Online proposal number - SIA/KA/MIN/234176/2021 (SEIAA 663 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H S Someshekar Bin H M Swamy #24, 9 <sup>th</sup> Cross, 11 <sup>th</sup> Main Saraswathipuram Road, Imannagar, Mysore-570009
2	Name & Location of the Project	"Building Stone Quarry" of Sri H S Someshekar Bin H M Swamy at Sy. Nos. 361/1, 359/2 of Thondawadi Village Gundlupet Taluk, Chamarajanagar District.
3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	4-31Acre(1.933 Ha)
7	Annual production (metric ton /Cum) per annum	79,664 tons/annum
8	Project Cost (Rs. In Crores)	1.5 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	12,74,416 tons
10	permitted quantity per annum- Cu.m/Ton	79,664 tons/annum
11	CER Activities	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Plantations, Maintainance & Watering on both sides of nala.
	2 <sup>nd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	3 <sup>rd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	4 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
	5 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
12	EMP Budget	Rs.14.05 lakhs (Capital Cost) & Rs. 12.20 lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and applied for land conversion. The lease was notified on 24.09.2021.

There is an existing cart track road to a length of 400 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 4.31 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 12,74,416 Tons as per the approved quarry plan, the committee estimated the life of the mine as 16 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an maximum annual production of 79,664 TPA.

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

**272.24 Building Stone Quarry Project at Thondawadi Village, Thondawadi Taluk, Chamarajanagar District (6-30 1/2 Acre) - Sri H S SOMESHEKAR - Online proposal number - SIA/KA/MIN/233329/2021 (SEIAA 661 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H.S.Somesheker Bin H M Swamy #24, 9 <sup>th</sup> Cross, 11 <sup>th</sup> Main, Saraswathipuram Road, Iman Nagar, Mysore-570009.
2	Name & Location of the Project	"Building Stone Quarry" of Sri.H.S.Somesheker Bin H M Swamy at Sy. Nos. 330/2, 456/2, 3 & 329/3,4 of Thondawadi Village, Gundlupet Taluk, Chamarajanagar District
3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	6-30 ½ Acre(2.764 Ha)
7	Annual production (metric ton /Cum) per annum	88,204 tons/annum
8	Project Cost (Rs. In Crores)	2.0 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	15,24,510 tons

10	Permitted quantity per annum- Cu.m/Ton	94,640 tons/annum
11	CER Activities	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Plantations, Maintainance & Watering on both sides of nala.
	2 <sup>nd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	3 <sup>rd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	4 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
	5 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
12	EMP Budget	Rs14.70 lakhs (Capital Cost) & Rs. 14.35 lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease was notified on 24.09.2021.

There is an existing cart track road to a length of 300 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 6-16 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 15,24,510 Tons as per the approved quarry plan, the committee estimated the life of the mine as 17 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an maximum annual production of 94,640 TPA.

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

**272.25 Building Stone Quarry Project at Chikkati Village, Gundlupet Taluk, Chamarajanagar District (2-32 Acres) - Sri H S SOMESHEKAR - Online proposal number - SIA/KA/MIN/233828/2021 (SEIAA 662 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri.H S Someshekar Bin H M Swamy #24, 9 <sup>th</sup> Cross, 11 <sup>th</sup> Main, Saraswathipuram Mysore-570009
2	Name & Location of the Project	"Building Stone Quarry" of Sri H S Someshekar Bin H M Swamy at Sy. Nos. 155/1, 2 Chikkati Village, Gundlupete Taluk, Chamarajanagar District

3	Type of Mineral	Building stone
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.
6	Area in Ha	2-32 Acre(1.133 Ha)
7	Annual production (metric ton /Cum) per annum	45,211 tons/annum
8	Project Cost (Rs. In Crores)	1.0 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	5,60,560 tons
10	Permitted quantity per annum- Cu.m/Ton	48,048 tons/annum
11	CER Activities	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Plantations, Maintainance & Watering on both sides of nala.
	2 <sup>nd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	3 <sup>rd</sup>	Plantations, Maintainance & Watering on both sides of nala.
	4 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
	5 <sup>th</sup>	Plantations, Maintainance & Watering on both sides of nala.
12	EMP Budget	Rs.11.65 lakhs (Capital Cost) & Rs. 11.55 lakhs (Recurring cost)

The Proponent has obtained NOCs from Forest, Revenue Dept and applied for land convesion. The lease was notified on 24.09.2021.

There is an existing cart track road to a length of 500 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 2.32 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 5,60,560 Tons as per the approved quarry plan, the committee estimated the life of the mine as 12 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an maxumim annual production of 48,048 TPA.

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




**272.26 Iron Ore Mine Project at Malagolla Village, Sandur Taluk, Ballari District (21.61 Ha) (M.L.No.2313) by M/s. JSW STEEL LIITED - Online proposal number - SIA/KA/MIN/68247/2018 (SEIAA 63 MIN (VIOL) 2018)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>NANDI IRON ORE MINE</b> M/s. JSW STEEL Ltd. JSW Mining Office, Near Talur Cross, Toranagallu, Sandur Taluk, Ballari District
2	Name & Location of the Project	“NANDI IRON ORE MINE” (ML No -0005), Extent 21.03 Ha, Kumarswamy Range Reserved Forest, Malagolla Village, Sandur Taluk, Ballari District
3	Type of Mineral	Iron Ore
4	New /expansion/modification /renewal	Expansion
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Forest land
6	Area in Ha	21.03Ha
7	Annual production (metric ton /Cum) per annum	799,926 tonnes/annum
8	Project Cost (Rs. In Crores)	2017.49 lakhs
9	Proved quantity of mine/quarry- Cu.m/Tons	8,44,3371Tons
10	Permitted quantity per annum- Cu.m/Ton	799,926 tonnes/annum
11	Approach Road	5km from quarry to connecting tar road.
12	Five years plan period	Area –11.33Ha Depth – 876mRL (depth 120m from the hill top) Length – 342m Width –331m
13	Conceptual stage	Area – 19.72Ha Depth – 820mRL (Depth 176 m from the hill top) Length – 562m Width –351m



14	<b>CER Activities :</b>	<ul style="list-style-type: none"> <li>• ASPIRE – Quality Education Project</li> <li>• Accelerated English Learning Project</li> <li>• JSW Udaan Scholarship</li> <li>• Farm Ponds</li> <li>• Agri- Livelihood enhancement Project</li> <li>• Revival &amp; Formation of Self Help Groups</li> <li>• 50 Nos Toilets construction - Nandihalli</li> <li>• Leveraging Govt Scheme – Buddy for Study</li> <li>• Community Health Monitoring Project</li> <li>• Vision Screening &amp; Cataract Surgeries</li> <li>• Project Haqdarshak –Phase 2</li> <li>• Rural Infra Projects</li> <li>➤ Preventive medical care and educational facilities for rural population will be promoted.</li> <li>➤ Priority will be given to local people for R &amp; R and other works.</li> <li>➤ Extending general benefit by way of development work in the villages through respective Gram Panchayat.</li> <li>➤ Supplementing Govt. efforts in health monitoring camps, social welfare and various awareness programs among the rural population.</li> <li>➤ Assisting social forestry program.</li> </ul>
15	EMP Budget	Rs.59.56 lakhs(Capital Cost) & Rs. 82.38 lakhs (Recurring cost)

The TOR was issued by SEIAA on 30<sup>th</sup> January 2019 and EIA report was submitted on 8<sup>th</sup> October 2021.

This is a proposal for expansion from 0.408MTPA to 0.8MTPA iron ore production in the total area of 21.03Ha. The committee observed that initially the mining lease with M.L No.1907/2107 was granted in the year 1963 in the name of M/s. Hothur Traders for an area of 32.38 hectares for a period of 20 years and it was renewed periodically up to 2016. In the year 2016 as per the CEC recommendations the lease area was reduced to 21.61 hectares with M.L No.2313.

Earlier lease holder was M/s. Hothur Traders, continued with the mining till a blanket ban was imposed in the year 2011. The present lessee has come into picture after obtaining this lease through E-auctioning on 5-10-2016. Subsequent to this, EC issued earlier under EIA Notification 1994 dated: 6-7-2004 was also transferred to the present lessee M/s. JSW Steel Ltd., on 4-2-2017 for a production capacity 0.80 MTPA. Subsequently, EC has been modified for a production of 0.408 MTPA on 21-4-2017 as per the approved mining plan. The mining activity is being carried out from 1-6-2018 after obtaining forest clearance was transferred on 12-09-2017.

The proponent submitted certified compliance to earlier E.C. conditions from Regional Office, MoEF & CC on 03.12.2021.




Public hearing was conducted on 31.08.2021. The committee observed that there are many complaints with regard to mining near the ancient Parvathi and Karthikeya Temple (Kumaraswamy Temple) and questioned the need for permitting mining, for which the proponent submitted undertaking that no mining activity will be done within 600 meters radius from this Temple as per the Expert Committee directions and as per the letter issued by DMG and informed that the lease area is at a distance of 679 meters from ancient Parvathi and Karthikeya Temple (Kumaraswamy Temple). There were other general complaints such as damage to the agricultural crops, employment opportunities to local villagers, compensation to the farmers, dust pollution control measures, health checkup to the local villagers etc, for which proponent made presentation submitting point wise compliance to all these issues raised by the public during public hearing. The proponent informed that they would strengthen the approach road as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

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

Considering the proved mineable reserve of 8,44,3371 Tons as per the approved Mining plan, the committee estimated the life of the mine as 11 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 799,926 tonnes/annum.

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

**272.27 Mineral Beneficiation Plant Project at Jaisinghpur (Venkatagiri) Village, Sandur Taluk, Ballari Dist by M/s. Excel Mining and Infra Services - Online proposal number - SIA/KA/IND/69319/202 (SEIAA 46 IND 2020)**

**About the project:**

Sl No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Excel Mining and Infra Services (EMIS)
2	Name & Location of the project:	Extent 16.77 Acres of patta land in 89(part) 97/3,98 and 99 in Jaisinghpur (Venkatagiri) village, Sandur Taluk, Ballari Dist.
3	New /expansion/modification / product mix change:	New
4	Plot Area	16.77 Acres
5	Built Up Area	0.40 Acres
6	Project Cost	1323 lakhs
7	Component of development:	Beneficiation Plant (4.99 LTPA), Civil Structure & water tank, Plant Machineries & Pollution control devices, cranes, Pumps etc.

8	Source of water -operational phase:	Ground water																																
9	Total Water Requirement (Domestic + Industrial) in KLD	3818 KLD																																
	Fresh Water in KLD Recycled water in KLD	420 KLD. 3398 KLD																																
10	Total waste water generation in KLD	Except 2 KLD sewage, entire process water will be reused in the circuit.																																
11	Total effluents generation in KLD	Nil (No chemicals will be utilized in the process)																																
12	Scheme of disposal of excess treated water	Entire process water will be reused in the circuit.																																
13	ETP Capacity	A Thickener of 15m dia will be installed.																																
14	STP Capacity	-																																
15	Waste Generation & its Disposal																																	
	Solid Waste	About 332 T/day of tailing will be generated as solid waste which will be converted in the form of cake and finally disposed to cement manufacturing industry. The tailings of Manganese will be sold to brick industry.																																
	Hazardous Waste	The hazardous waste such as used/spent oil will be disposed off to authorized recyclers.																																
16	Green Belt Coverage - % of total area	1.70 Acres Greenbelt + 1.0 acre Plantation + 2.9 Acres Plantation on haulage road outside the plant. = 5.60 Acres = 33%)																																
17	EMP	<table border="1"> <thead> <tr> <th>Sl</th> <th>Particulars</th> <th>No.</th> <th>Cost (la.)</th> </tr> </thead> <tbody> <tr> <td><b>1</b></td> <td colspan="3"><b>POLLUTION CONTROL</b></td> </tr> <tr> <td>1</td> <td>Water sprayer (Mobile)</td> <td>1</td> <td>18.00</td> </tr> <tr> <td>2</td> <td>Cement masonry / garland drains all along the plant area</td> <td>1600m</td> <td>20.00</td> </tr> <tr> <td>3</td> <td>Drains along roads (both sides)</td> <td>800m</td> <td>8.00</td> </tr> <tr> <td>4</td> <td>Retaining wall</td> <td>200m</td> <td>2.00</td> </tr> <tr> <td>5</td> <td>Silt Settling tank</td> <td>2</td> <td>3.00</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td></td> <td><b>51.00</b></td> </tr> </tbody> </table>	Sl	Particulars	No.	Cost (la.)	<b>1</b>	<b>POLLUTION CONTROL</b>			1	Water sprayer (Mobile)	1	18.00	2	Cement masonry / garland drains all along the plant area	1600m	20.00	3	Drains along roads (both sides)	800m	8.00	4	Retaining wall	200m	2.00	5	Silt Settling tank	2	3.00		<b>Total</b>		<b>51.00</b>
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	<b>Total</b>		<b>51.00</b>																															
18	CER Activities Proposed	<b>Corporate Environment Responsibility (CER) proposed at Jaisinghpur &amp; Venkatagiri village</b> It proposes to taken up the following CER																																

		<p>activities listed below:</p> <ul style="list-style-type: none"> <li>❖ Providing solar street lights in school and gram panchayath</li> <li>❖ Maintenance of Anganawadi and Govt schools</li> <li>❖ Cleanliness, maintaining hygiene &amp; half yearly health camp</li> </ul> <p><b>Agricultural Improvement</b></p> <ul style="list-style-type: none"> <li>❖ Help in arranging in association with nearby agricultural department for soil testing and technical inputs for increasing yield.</li> </ul> <p><b>Employment &amp; Communication</b></p> <ul style="list-style-type: none"> <li>❖ Localities will be preferred training &amp; suitable employment on priority basis.</li> </ul>
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The TOR was issued by SEIAA on 4<sup>th</sup> September 2020 and EIA report was submitted on 25<sup>th</sup> November 2021.

This is a proposal for establishment of a Beneficiation Plant for Iron and Manganese Ore of 4.99 LTPA capacity. The proponent has submitted Forest NOC and Land Conversion Order.

Public hearing was conducted on 31.08.2021. Committee observed that there are some complaints with regard to damage to the agricultural crops, employment opportunities to local villagers, compensation to the farmers, dust pollution control measures, health checkup to the local villagers etc. The proponent submitted point wise compliance to all these issued and also other general issues raised by the public during public hearing. The proponent informed that the work will be commenced after strengthening the approach road as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

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

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

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




**272.28 Establishment of Common Bio-Medical Waste Facility over an extent of 2 Acres 20 Guntas at Ganajur Village, Haveri District by M/s. Rio Green Environ (India) Asts - Online proposal number - SIA/KA/MIS/20511/2027 (SEIAA 19 IND 2017)**

**About the project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s.RIO GREEN ENVIRON (INDIA) ASTS
2	Name & Location of the project:	Sy. No. 78A1/B, Ganajur Village, Haveri Taluk and District, Karnataka.
3	New /expansion/modification / product mix change:	New
4	Plot Area	10,100.65 Sq.m (2.5 acre)
5	Built Up Area	774 Sq.m (Ground coverage area)
6	Project Cost	96 Lakhs
7	Component of development:	Establishment of Common Biomedical waste treatment and disposal facility.
8	Source of water -operational phase:	Tanker
9	Total Water Requirement (Domestic + Industrial) in KLD	32 KLD
	Fresh Water in KLD	27.085 KLD
	Recycled water in KLD	4.915 KLD
10	Total waste water generation in KLD	5.5 KLD
12	Scheme of disposal of excess treated water	NA
13	ETP Capacity	ZLD system ( ETP – 10 KLD)
14	STP Capacity	NA
15	Waste Generation & its Disposal	
	Solid Waste	Store in secured manner and hand over to KSPCB Authorized Vendor
	Hazardous Waste	Store in secured manner and hand over to KSPCB Authorized Vendor
16	Green Belt Coverage - % of total area	6624.65 Sq.m (65.6%)
17	EMP	a. Scrubber-5 lakhs b. RWH-10 Lakhs c. Green belt development-3lakhs d. Occupational health and safety-1lakhs e. Water pollution control (ETP)- 18 Lakhs f. Environmental monitoring plan-5 lakhs g. Effluent and Hazardous waste storage facility- 6 Lakhs <b>Total-48lakhs</b>
18	CER Activities Proposed	Total-Rs-1 lakhs Providing medical camp facility to Ganajur Village and smart class to Ganajur Govt. school

The proposal was appraised during 187<sup>th</sup> SEAC meeting for issue of TORs and SEIAA issued standard TORs along with additional TORs on 12.01.2018. The proponent submitted EIA report on 23.03.2021.

The committee observed that, one M/s. Sushrutha Environmental Technologies has submitted a representation on 05.09.2018 requesting not to issue environmental clearance to M/s. Rio Green Environ (India) ASTS proposal for establishing CBWTF since it is not complying with CPCB revised guidelines pertaining to establishment of CBMWTF.

The committee also observed that the President, Karnataka State Agriculture Society, Byadagi taluk has submitted a representation on 17.07.2021 requesting not to issue environmental clearance to M/s. Rio Green Environ (India) ASTS proposal for establishing CBWTF, since there is a Writ petition bearing no. 102322/2021 pending before the Hon'ble High Court of Karnataka.

During 264<sup>th</sup> SEAC Meeting the committee after discussion decided to defer the appraisal of the present project proposal and request SEIAA to correspond with KSPCB seeking clarification with regards to citing guidelines of CPCB. It was also decided that the proponent would approach M/s KSPCB to seek their opinion about setting up of CBWTF in Haveri District.

In this regard a letter was sent to KSPCB from SEIAA for ascertaining the technical feasibility of permitting additional CBMWTF for these projects as per CPCB guidelines to enable SEIAA to take an appropriate decision.

KSPCB has submitted clarification with regards to citing guidelines of CPCB for setting up of CBMWTF vide letter dated: 07.12.2021, along with the bed strength of the districts as per statistical report 2019-20. The KSPCB highlighted the CBWTF guidelines and finally concluded that, since the bed strength is likely to increase in coming years, the bed strength may be extrapolated considering past trends and decision may be taken by the Authority to issue EC.

The proponent informed that he has obtained CFE from KSPCB on 23.01.2015, but did not establish any unit, because subsequent to the issue of CFE, the said project came under the ambit of EIA Notification-2006, as per the Notification dated. 17.04.2015. He further submitted that there is no treatment facility in Haveri District, though the bed strength of Haveri District is 4066. With regard to Writ petition bearing no. 102322/2021, the proponent informed that there is no orders from the Hon'ble High Court and requested the Committee to issue Environmental Clearance.

The proponent submitted pointwise compliance to the complaint raised by the public during public hearing. The proponent informed that proper mitigative measures will be taken up for Air pollution control & waste water generated would be treated within the project site and regular monitoring of the environmental attributes would be done to reduce the impact on the environment. Trees will be grown in and around the project site, employment opportunity to the local peoples will be provided. The proponent informed that leak proof vehicles will be used for transportation of Bio-medicalwaste.

The committee discussed about the complaints received, clarifications issued by KSPCB and submission made by the proponent for setting up of CBMWTF. Considering the reply given by KSPCB regarding the likelihood of increase in the bed strength in future in Haveri District, the committee decided to recommend the proposal for issue of EC with a condition that KSPCB may issue CFE for the project after conducting a Gap Analysis as per CPCB guidelines.

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

**272.29 Development of Residential Apartment Project at Anathapura Village, Bengaluru North Taluk, Bengaluru Urban District by M/s. Green Leaf Projects - Online proposal number - SIA/KA/MIS/217952/2021 (SEIAA 81 CON 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	1.Suresh Babu K R, 2.Hemanth Kumar D 3.Yashwanth Kumar H , Managing Partners M/s. Green Leaf Projects, Survey No. 50/3, Nagadevanahalli Village, Kengeri Hobli, Bengaluru : 560061
2	Name & Location of the Project	Development of residential apartment At Survey No. 60 & 61/3 and Khata No. 878/60/61/3 of Anathapura Village, YelahankaHobli, Bengaluru North Taluk, Bengaluru Urban District
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 & Construction project as per the 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)	6625 Sqm
7	Built Up area (Sqm)	23,958.63 Sqm
8	FAR • Permissible • Proposed	2.5 2.49
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+4UF+TF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	166 units
11	Height Clearance	Elevation of AMSL : 905mtr Permissible top elevation : 1195mtr Proposed building height : 14.95mtr
12	Project Cost (Rs. In Crores)	Rs. 40 Cr
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth : 3300 Cum For back filling : 1320 Cum For Landscape : 1080 Cum For Internal Road making : 900 Cum

14	Details of Land Use (Sqm)								
	a.	Ground Coverage Area	3,311.83 Sqm						
	b.	Kharab Land	202.66 Sqm						
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,186.25 Sqm						
	d.	Internal Roads	924.26 Sqm						
	e.	Paved area							
	f.	Others Specify	::						
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	::						
	h.	Total	6,625 Sqm						
15	WATER								
	I.	Construction Phase							
	a.	Source of water	STP treated water and external tanker water.						
	b.	Quantity of water for Construction in KLD	10 KLD						
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD						
	d.	Waste water generation in KLD	3.6 KLD						
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP & Septic tank.						
	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>76 KLD</td> </tr> <tr> <td>Recycled</td> <td>40 KLD</td> </tr> <tr> <td>Total</td> <td>116 KLD</td> </tr> </table>	Fresh	76 KLD	Recycled	40 KLD	Total	116 KLD
Fresh	76 KLD								
Recycled	40 KLD								
Total	116 KLD								
	b.	Source of water	BWSSB						
	c.	Waste water generation in KLD	93 KLD						
	d.	STP capacity	110 KLD						
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology						
	f.	Scheme of disposal of excess treated water if any	Available treated water : 88 KLD For flushing :40 KLD For gardening :20 KLD For car/floor washing :10 KLD For other construction purpose:18 KLD						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	2X90 KL						
	b.	No's of Ground water recharge pits	6nos						
17	Storm water management plan	The storm water from the site to be collected in pond of capacity 50cum.							
18	WASTE MANAGEMENT								
	I.	Construction Phase							



	a.	Quantity of Solid waste generation and mode of Disposal as per norms	10kg/day Waste to be collected manually and handed over to local body for further processing.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	234 Kg/day Organic wastes to be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 10 kg/day to be reused as manure for greenery development purposes.
	b.	Quantity of Non: Biodegradable waste generation and mode of Disposal as per norms	156 Kg/day Recyclable waste to be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets to 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:Wastesto be collected & stored in bins and disposed to the authorized & approved KSPCB E:waste processors.
19	POWER		
	a.	Total Power Requirement :Operational Phase	BESCOM – 500 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X250 KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total Savings of 20%
20	PARKING		
	a.	Parking Requirement as per norms	194 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards Bengaluru : C Towards Doddabalapura: C
	c.	Internal Road width (RoW)	Approach road width : 18.5 m Internal road width is : 3 m
21	CER Activities		To Provide smart class facility, Drinking water and sanitary facility at Puttanahalli Government primary School, Bengaluru.
22	EMP • Construction phase • Operation Phase		During Construction: Capital investment :9.0 lakhs Operation investment : 0.8 lakhs/ annum During Operation: Capital investment :131.5 lakhs Operation Investment :11.5 lakhs/ annum

The proposal was initially considered in 266<sup>th</sup> SEAC meeting and in the said meeting the proponent remained absent and had requested to consider the proposal in the upcoming meetings. Presently, the proposal is for construction of residential apartment in an area which is earmarked for residential use as per RMP of BDA.

The committee during appraisal sought clarification regarding provision made for harvesting rain water in the proposed area. The proponent submitted clarification and informed the committee that for harvesting runoff rain water from roof top, two tanks of 90cum capacity and for runoff from hardscape a pond of 50cum capacity and for recharging the ground water using the excess water 6nos of recharge pits have been proposed within the project area.

The proponent further informed the committee that they have made provisions to grow 90 trees 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 from the lake/drain as per zoning regulations of BDA and informed the proponent 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.**

**272.30 Residential Apartment and a Club House Project at Doddabettahalli Village, Yelahanka Hobli, Bengaluru North Additional Taluk, Bengaluru Rural District by M/s. Casa Grande Garden City Builders Pvt Ltd. - Online proposal number - SIA/KA/MIS/227983/2021 (SEIAA 111 CON 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Karjee Kishore Kumar Authorized Signatory M/s. Casa Grande Garden City Builders Pvt. Ltd., Salma Biz House, No.34/1, 3 <sup>rd</sup> Floor, T-1 & T-2, Meanee Avenue Road, Opp. to Lakeside Hospital, Near Ulsoor Lake, Ulsoor, Bengaluru -560 042.
2	Name & Location of the Project	Residential Apartment and a Club House Sy. No. 1 & 56, Doddabettahalli Village, Yelahanka Hobli, Bengaluru North Additional Taluk, Bengaluru.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and Club house Category 8(a), Building & Construction project as per the EIA notification 2006

	b.	Residential Township/ Area Development Projects	NA
4		New/ <del>Expansion/ Modification/ Renewal</del>	New
5		Water Bodies/ Nalas in the vicinity of project site	Tertiary nalais on northeastern side of the project site, 15 m buffer has been left.
6		Plot Area (Sqm)	16,389.95Sqm
7		Built Up area (Sqm)	56,210.29Sqm
8		FAR • Permissible • Proposed	2.25 2.2497
9		Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 : B+GF+9UF Building2:B+GF+3UF.
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	310 units
11		Height Clearance	As per CCZM of Bangalore, permissible height is 50 m AMSL and the maximum height of proposed building is 30.45m AMSL
12		Project Cost (Rs. In Crores)	Rs. 115 Cr
13		Disposal of Demolition waster and or Excavated earth	The existing sheds to be dismantled and generated debris of quantity 10 cum to be reused within the site. Total Excavated earth quantity : 24,585 cum For Backfilling :6,146 cum For Landscaping : 8,523 cum For internal driveway & hardscape: 6,148 cum For site formation :3,768 cum
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,710.45 Sq.mt
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,555.98 Sq.mt
	d.	Internal Roads	5,123.52 Sq.mt
	e.	Paved area	--
	f.	Others Specify	--
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	16,389.95 Sq.mt

15	<b>WATER</b>			
	<b>I. Construction Phase</b>			
	a.	Source of water	External water suppliers and STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	32 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	4.0 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase to be collected and lifted to BWSSB treatment plant.	
	<b>II. Operational Phase</b>			
	a.	Total Requirement of Water in KLD	Fresh	145 KLD
			Recycled	75 KLD
			Total	220 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	198 KLD	
	d.	STP capacity	210 KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 69 KLD to be used for avenue plantation/construction works.	
16	<b>Infrastructure for Rain water harvesting</b>			
	a.	Capacity of sump tank to store Roof run off	100 cum (50 cum x 2 Nos.)	
	b.	No's of Ground water recharge pits	12 Nos.	
17	Storm water management plan		Strom water runoff to be harvested in 65 cum tank along with that, Internal garland drains to be provided within the site in order to carry out the storm water into the recharge pits and to be managed within the site, excess runoff to be routed in to the external storm water drain on western side of project site.	
18	<b>WASTE MANAGEMENT</b>			
	<b>I. Construction Phase</b>			
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Solid waste generated to be handed over to local vendors	
	<b>II. Operational Phase</b>			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	319 kg/day, to be segregated at household levels and to be processed in organic waste converter.	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	479 kg/day, Recyclable wastes to be handed over to authorized waste recyclers	

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation : 0.34 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. to be handed over to the authorized hazardous waste recyclers.			
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes to be collected separately & to be handed over to authorized E-waste recyclers for further processing.			
19	POWER					
	a.	Total Power Requirement - Operational Phase	1,476 kW			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 kVA – 1 No. 500 kVA – 1 No.			
	c.	Details of Fuel used for DG Set	147 l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings is 25 %			
20	PARKING					
	a.	Parking Requirement as per norms	360 ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
			Approach Road	Yelahanka main Rd	A	A
			Yelahanka Main Road	Yelahanka Vidyaranyapura	C	C
	c.	Internal Road width (RoW)	12.5 m wide road			
21	CER Activities		To Provide desktop and internet facility to Government Model Public School : Doddabettahalli Village, Yelahanka Hobli			
22	EMP • Construction phase • Operation Phase		During Construction: Capital Investment :5.0 Lakh Construction : 15.2 Lakh/annum During Operation: Capital investment : 126.0 Lakh Operation Investment : 14.64 Lakh/annum			

The proposal was initially considered in 269<sup>th</sup> SEAC meeting and as the proponent remained absent, the Committee had deferred the appraisal of the project. The proposed area is demarcated as water body as per RMP of BDA, for which the proponent justified that the proposed area was a Govt. Gomal land which was purchased through Govt. auction in 2008 and in 2014, the Hon'ble High Court of Karnataka had considered the case of petitioner (initial owner) positively and recommended the same to Govt. for conversion of property from green belt to residential area. Deputy Commissioner on 09/12/2019 had issued Certificate of sale of Immovable property to the owner and had mentioned that the area of 4-02 Acres is for residential zone and finally in 30/06/2021, the land was purchased by the proponent.

The proponent further informed the committee that due to changes in plan, the BUA is revised to 56,210.29 Sqm from 45,641.87 Sqm, with no change in plot area.

The committee made note of the justification and changes. During appraisal, the Committee sought clarification for the nala adjacent to project area as per village map, provisions for harvesting rain water in the proposed area. The proponent submitted clarification and informed the committee that as per village map there is tertiary nala in north east side, outside the proposed area and as buffer needs to be provided they had proposed a buffer of 15 mtr as per zoning regulations. For harvesting rain water, the proponent has proposed 100 cum storage tank for runoff from rooftop and an additional tank of 65 cum capacity for runoff from landscape and paved areas in addition to 12 nos of deep well recharge structures within the project area.

The proponent informed the committee that they had made provisions to grow 205 trees 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 from the lake/drain as per RMP of BDA and informed the proponent 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.**

**272.31 Expansion of Integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals- Monoclonal Antibodies & Therapeutic Proteins Project at Obadenhalli Village, Doddaballapura Taluk, Bangalore Rural District by M/s. Stelis Biopharma (P) Ltd. - Online proposal number - SIA/KA/IND2/225232/2021 (SEIAA 51 IND 2021)**

**About the project:**

Sl No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Stelis Biopharma Limited
2	Name & Location of the project:	M/s Stelis Biopharma Limited, <b>Existing (10 Acres)</b> Sy.No. 14/2, 14/3, 1 4/4, 15/1, 15/2, 15/3, 15/4,15/5,16,17/1,17/2,17/3,17/4&17/5. <b>Proposed (1.8 Acres)</b> Sy.No. 5, 15/4, 15/ 3 & 16 <b>Total After Expansion (11.8 Acres)</b> Plot No-2D-1, Obadenahalli Village, Doddaballapura 3 <sup>rd</sup> phase Industrial area, Doddaballapur Taluk, Bengaluru Rural District
3	New / expansion /modification / product mix change:	Expansion
4	Plot Area	Existing land area is 40,473 Sq.m(10 Acres) Proposed area is 7,284.33Sq.m(1.8 Acres) After expansion 47,757.33 Sq.m (11.8Acres)

Sl. No	Description	Land use (Sq.M)		After Expansion In Sq.M		%																																											
		Existing	Proposed	Proposed in New Land																																													
1	Plot coverage	12,773.10	994	3432		17,199.10	36.01																																										
2	Green belt	14,809.96	-369	1336		15,776.96	33.04																																										
3	Roads	7,084	0	1451.33		8,535.33	17.87																																										
4	Parking	1,766.60	0	0		1,766.60	3.70																																										
5	Set back and open area	4,039.33	-625	1065		4,479.33	9.38																																										
<b>Total area</b>	<b>40,473.0</b>	<b>0</b>	<b>7,284.33</b>	<b>47,757.33</b>		<b>100.0</b>																																											
5	Built Up Area	The existing built up area is 18342.21 Sq.m. Proposed built up area is 7416 Sq.m. Total Built up area after expansion will be 25758.21 Sq.m.																																															
		<b>Description</b>					<b>Area in Sq.m</b>																																										
		Existing built up area					18342.21																																										
		Proposed Warehouse in Existing area					1500																																										
		<b>Total (A)</b>					<b>19842.21</b>																																										
		<b>Proposed built up area in new land</b>																																															
		Production block					4649																																										
		HSV Warehouse block					1015																																										
		Utility block expansion					252																																										
		<b>Total (B)</b>					<b>5916</b>																																										
		<b>Total (A+B)</b>					<b>25758.21</b>																																										
6	Project Cost	170 Crores.																																															
7	Component of development:	<p><b>Proposed utilities and infrastructure within the Existing Land (10 Acres)</b></p> <p>1. Boiler 1 No -1x6TPH (Stand by) 2. D.G Sets (2 Nos)-2X2010 kVA (Stand by) 3. Ware house will be constructed in Existing land.</p> <p><b>Proposed infrastructure in proposed land (1.8 Acres)</b></p> <p>1. Warehouse with an office building (G+2) 2. Installation of 4 suits (dedicated for specific customer requirements)</p>																																															
8	Source of water -operational phase:	Private Water Tanker/KIADB/In-house bore well																																															
9	Total Water Requirement (Domestic + Industrial) in KLD	413 KLD																																															
	413 KLD	<table border="1"> <thead> <tr> <th rowspan="2">Source of Consumption</th> <th colspan="3">Existing</th> <th colspan="3">Proposed</th> <th colspan="3">After Expansion</th> </tr> <tr> <th>Fresh</th> <th>Recycled</th> <th>Total</th> <th>Fresh</th> <th>Recycled</th> <th>Total</th> <th>Fresh</th> <th>Recycled</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Domestic</td> <td>0</td> <td>15</td> <td>15</td> <td>17</td> <td>-15</td> <td>2</td> <td>17</td> <td>0</td> <td>17</td> </tr> <tr> <td>Greenbelt</td> <td>0</td> <td>96</td> <td>96</td> <td>0</td> <td>5</td> <td>5</td> <td>0</td> <td>101</td> <td>101</td> </tr> </tbody> </table>									Source of Consumption	Existing			Proposed			After Expansion			Fresh	Recycled	Total	Fresh	Recycled	Total	Fresh	Recycled	Total	Domestic	0	15	15	17	-15	2	17	0	17	Greenbelt	0	96	96	0	5	5	0	101	101
Source of Consumption	Existing			Proposed			After Expansion																																										
	Fresh	Recycled	Total	Fresh	Recycled	Total	Fresh	Recycled	Total																																								
Domestic	0	15	15	17	-15	2	17	0	17																																								
Greenbelt	0	96	96	0	5	5	0	101	101																																								

	<b>Cooling tower</b>	20	0	20	0	0	0	20	0	20
	<b>Boiler</b>	30	75	105	0	10	10	30	85	115
	<b>Chilling hot water Autoclave</b>	4	0	4	0	0	0	4	0	4
	<b>Filter Cleaning</b>	6	0	6	0	0	0	6	0	6
	<b>Process</b>	125	0	125	0	0	0	125	0	125
	<b>PSG</b>	13	0	13	0	0	0	13	0	13
	<b>Pretreatment loss</b>	12	0	12	0	0	0	12	0	12
	<b>Total</b>	<b>210</b>	<b>186</b>	<b>396</b>	<b>17</b>	<b>0</b>	<b>17</b>	<b>227</b>	<b>186</b>	<b>413</b>
	Fresh Water in KLD	227 KLD								
	Recycled water in KLD	186 KLD								
10	Total waste water generation in KLD	180 KLD Domestic Sewage – 20 KLD Effluent – 160 KLD								
11	Total effluents generation in KLD	160 KLD								
12	Scheme of disposal of excess treated water	NA								
13	ETP Capacity	ZLD system (MEE – 25 KLD & Effluent Treatment Plant – 170 KLD, followed by RO I&II.								
14	STP Capacity	2 Units x 10 KLD = 20 KLD								
15	Waste Generation & its Disposal									
	Solid Waste	Store in secured manner and hand over to KSPCB Authorized Vendor								
	<b>Type Of Waste</b>	<b>Existing Kg</b>	<b>Proposed Kg/day</b>	<b>After Exp/</b>	<b>Disposal method</b>					
	<b>Operation Phase</b>									
	Organic	60.5	27	87.5	Local Municipal bins					
	In-Organic	72.0	18	90.0	Handed over to KSPCB authorized recyclers					
	<b>Total</b>	<b>132.5</b>	<b>45</b>	<b>177.5</b>						
	Man power -375 Nos (Existing -275Nos & Proposed-100 Nos.									
	Hazardous Waste	Store in secured manner and hand over to KSPCB Authorized Vendor								
	<b>Waste Type</b>	<b>Category</b>	<b>Existing Quantity</b>	<b>Proposed Quantity</b>	<b>Total Quantity</b>	<b>Method of Disposal</b>				
	Used/ Spent Oil	5.1	10 KL	0	10 KL	Sent to Authorized recyclers				
	Process residue and	28.1	0.5 T	0	0.5 T	Sent to				



	waste					Authorized
	Spent Carbon	28.3	5.0 T	0	5.0 T	Distilled in house Or stored in Secured Mannerto authorized re- Processors.
	Off Specification Products	28.4	3.0 T	0	3 T	Stored in secured manner and disposed to KSPCB authorized incinerator.
	Date Expired and off Specification Medicines and drugs / Chemicals	28.5	2.0 T	0	2 T	Stored in secured manner and disposed to KSPCB authorized incinerator
	Spent solvents	28.6	6.0 T	0	6T	Disposed to KSPCB authorized TSDF
	Empty barrels/ Containers /liner contaminated with Hazardous chemicals/waste	33.1	3.0 T	0	3.0 T	Sent to KSPCB authorized recyclers
	Flue gas cleaning residue	37.2	10.0 T	0	10.0 T	Sent to KSPCB authorized recyclers
	Metal and metal alloy waste in metallic non- dispersible form	-	40.0T	0	40.0T	Sent to KSPCB authorized recyclers
	Chemical sludge from waste water treatment plant	35.3	10.0 T	0	10.0 T	Disposed to KSPCB authorized TSDF
	DB-3020 Paper board and paper products waste	-	15.0T	0	15.0T	Sent to KSPCB authorized recyclers
	B3040-Rubber waste	-	5.0 T	0	5.0 T	Sent to KSPCB authorized recyclers
	B1090 Waste batteries	-	2.0 T	0	2.0 T	Sent to KSPCB authorized recyclers
	B3050- Untreated cork & wood waste	-	50.0T	0	50.0T	Sent to KSPCB authorized recyclers
16	Green Belt Coverage - % of total area	<b>15776.96 Sq.m (33.04 %)</b>				
17	EMP	h. Green Belt development -10.0lakhs i. DG set with Acoustic enclosure -25.0Lakhs j. Solid Waste Management -10.00lakhs k. Boiler Chimney -25.00lakhs l. DG Stack -30.00lakhs  <b>Total-100.00lakhs</b>				




		Sl. No	Equipment	Capital Cost (in Lakhs)	Recurring Cost Lakhs)
		1	Green Belt development	10.0	2
		2	DG set with Acoustic enclosure	25.0	2.5
		3	Solid waste Management	10.0	2.5
		4	Boiler Chimney	25.0	4
		5	DG Stack	30.0	4
			<b>Total</b>	<b>100.0</b>	<b>20.0</b>
18	CER Activities Proposed	<p>Total-Rs-1.28 Crores</p> <ol style="list-style-type: none"> <li>1) Providing drinking water facility and wells to Vobadenahalli &amp; Obadenahalli Village</li> <li>2) Conducting skill development programme &amp; scientific support for Schools at Raghunathapura Village</li> <li>3) Providing Solar Light Facilities to Moparahalli Village</li> <li>4) Green Belt development in Adinarayanahosahalli</li> <li>5) Providing Storm water drainage facilities to Guddadahalli Village</li> <li>6) Aid towards Full-fledged Ambulance facility and ICU Unit to Govt hospitals at Obadenahalli.</li> </ol>			

#### Power Requirement with Source

Details	Capacity			Source
	Existing	Proposed	After Expansion	
Power Requirement (kVA)	4500	1250	5750	BESCOM
Power Back-up (kVA)	3x1010 As per EC- 2x1500 & 2x1010	2X2010*	3x1010 & 2X2010*	DG sets
HSD Requirements for DG (lit/hr)	880	1320	2200	HPCL/ IOCL
Boiler Capacity TPH	1x5 & 2x3 As per EC-	1X6*	1x5, 2x3 & 1x6*	In house
Furnace oil for boiler (litres/hr) for each	190	380*	570	HPCL/ IOCL

Note: - \* 2x2010kVA will be kept standby, 1x6 TPH will be kept standby

**List of Products along with Capacity**

Sl. No	Name of the product	Existing (Kg/Annum)	Proposed (Kg/Annum)	After Expansion (Kg/Annum)	CAS No	Therapeutic use
1	Bevacizumab	100	0	100	216974-75-3	Antiangiogenic
2	Adalimumab	50	0	50	331731-18-1	Arthritis
3	Aflibercept	50	0	50	862111-32-8	Macular
4	Denosumab	20	0	20	615258-40-7	Xgeva
5	Trastuzumab	20	0	20	180288-69-1	Metastatic
6	Olaratumab	10	0	10	1024603-93-7	Sarcoma
7	Omalizumab	10	0	10	242138-07-4	Asthma
8	Palivizumab	10	0	10	60574-4111-01	Syncytial
9	Panitumumab	10	0	10	339177-26-3.	Monoclonal
10	Tocilizumab	10	0	10	375823-41-9	Rheumatologic
11	Trastuzumabemtansine	10	0	10	1018448-65-1	Kadcyla
12	Infliximab	10	0	10	170277-31-3	Arthritis
13	Eculizumab	10	0	10	219685-50-4	Anemia
14	Etanercept	10	0	10	185243-69-0	Rheumatoid
15	Ziv-aflibercept	10	0	10	862111-32-8	Aflibercept
16	Rituximab	10	0	10	174722-31-7	Hodgkin's lymphoma
17	Ramucirumab	5	0	5	947687-13-0	Chemotherapy
18	Raxibacumab	5	0	5	565451-13-0	Monoclonal
19	Sarilumab	5	0	5	1189541-98-7	Rheumatoid
20	Inotuzumabozogamicin	4	0	4	635715-19-7	Immunotoxins
21	Brodalumab	2	0	2	1174395-19-7	Psoriasis
22	Abatacept	2	0	2	332348-12-6	Rheumatoid
23	Abciximab	2	0	2	143653-53-6	Blood thinner
24	Agalsidasebeta	2	0	2	104138-64-9	Fabrazyme
25	Alemtuzumab	2	0	2	216503-57-0	leukemia
26	Alglucosidasealfa	2	0	2	420784-05-0	Glucosidase
27	Alirocumab	2	0	2	1245916-14-6	Cholesterol
28	Alteplase,cathfloactivase	2	0	2	105857-23-6.	Myocardial
29	Anakinra	2	0	2	143090-92-0	Rheumatoid
30	Asfotasealfa	2	0	2	1174277-80-5	Hypophosphatasa
31	Atezolizumab	2	0	2	1380723-44-3	Monoclonal
32	Avelumab	2	0	2	1537032-82-8	Urothelial
33	Basiliximab	2	0	2	179045-86-4	Cyclosporine
34	Belatacept	2	0	2	706808-37-9	Mycophenolate
35	Belimumab	2	0	2	356547-88-1	Erythematosis
36	Benralizumab	2	0	2	1044511-01-4	Asthma

37	Bezlotoxumab	2	0	2	1246264-45-8	Clostridium
38	Blinatumomab	2	0	2	853426-35-4	Bispecific
39	Brentuximab vedotin	2	0	2	914088-09-8	Hodgkin
40	Canakinumab	2	0	2	914613-48-2	Rheumatoid
41	Cerliponasealfa	2	0	2	151662-36-1	Symptomatic
42	Certolizumab pegol	2	0	2	428863-50-7	Rheumatoid
43	Cetuximab	2	0	2	205923-56-4	Cancer
44	Daclizumab	2	0	2	152923-56-3	Prophylaxis
45	Daratumumab	2	0	2	945721-28-8	Darzalex
46	Darbepoetin alfa	2	0	2	11096-26-7	Anemia
47	Dinutuximab	2	0	2	1363687-32-4	Neuroblastoma
48	Dornasealfa	2	0	2	143831-71-4	Cystic fibrosis
49	Dulaglutide	2	0	2	923950-08-7	Victoza
50	Dupilumab	2	0	2	1190264-60-8	Eczema
51	Durvalumab	2	0	2	1428935-60-7	Chemotherapy
52	Elosulfasealfa	2	0	2	9025-60-9	Morquio
53	Elotuzumab	2	0	2	915296-00-3	Chemotherapy
54	Emicizumab	2	0	2	1610943-06-0	Asthma
55	Epoetinalfa	2	0	2	11096-26-7	Anemia
56	Evolocumab	2	0	2	1256937-27-5	Cholesterol
57	Follitropin	2	0	2	146479-72-3	Hormone
58	Galsulfase	2	0	2	552858-79-4.	Naglazyme
59	Gemtuzumaboz ogamicin	2	0	2	220578-59-6	Myeloid
60	Golimumab	2	0	2	476181-74-5	Arthritis
61	Guselkumab	2	0	2	1350289-85-8	Plaque
62	Ibritumomab tiuxetan	2	0	2	206181-63-7	Hodgkin
63	Idarucizumab	2	0	2	1362509-93-0	Dabigatran
64	Idursulfase	2	0	2	50936-59-9	Syndrome
65	Ipilimumab	2	0	2	477202-00-9	Hunter's
66	Ixekizumab	2	0	2	1143503-69-8	Plaque
67	Laronidase	2	0	2	210589-09-6	Hurler
68	Mepolizumab	2	0	2	196078-29-2	Asthma
69	Methoxypolyethyleneglycol-epoetinbeta	2	0	2	9004-74-4	Mircera
70	Natalizumab	2	0	2	189261-10-7	Sclerosis
71	Necitumumab	2	0	2	906805-06-9	Metastatic
72	Nivolumab	2	0	2	946414-94-4	Nivolumab
73	Obiltoxaximab	2	0	2	1351337-07-9	Monoclonal
74	Obinutuzumab	2	0	2	949142-50-1	lymphocytic
75	Ocrelizumab	2	0	2	637334-45-3	Sclerosis
76	Ofatumumab	2	0	2	679818-59-8	leukemia
77	Pembrolizumab	2	0	2	1374853-91-4	Metastatic
78	Pertuzumab	2	0	2	380610-27-5	Breast
79	Reslizumab	2	0	2	241473-69-8	Asthma

80	Riloncept	2	0	2	501081-76-1	Cryopyrin
81	Secukinumab	2	0	2	875356-43-7	Psoriasis
82	Siltuximab	2	0	2	541502-14-1	Multicentric
83	Somatropin	2	0	2	12629-01-5	Hormone
84	Tenecteplase	2	0	2	191588-94-0	Myocardial
85	Ustekinumab	2	0	2	815610-63-0	Rubella
86	Vedolizumab	2	0	2	943609-66-3	Ulcerative
87	Vestronidasealfa	2	0	2	1638194-78-1	Mucopolysaccharidosis
88	Itolizumab	2	0	2	1116433-11-4	Rheumatologic
89	Nimotuzumab	2	0	2	828933-51-3	Endothelial
90	Insulinglarginine	350	0	350	160337-95-1	Diabetes
91	Insulinlispro	250	0	250	133107-64-9	Mellitus
92	Insulinaspart	200	0	200	116094-23-6	Diabetes
93	Rh-Insulin	100	0	100	11061-68-0	Ketoacidosis
94	Teriparatide	10	0	10	52232-67-4	Osteoporosis
95	Hyaluronicacid	50	0	50	9004-61-9	lip filler
96	Streptokinase	50	0	50	9002-01-1	Pulmonary
97	Filgrastim	50	0	50	143011-72-7	Neupogen
98	Insulindeglutec	50	0	50	130-95-0	Diet
99	Insulindetemir	50	0	50	169148-63-4	kidney
100	Insulinglulisine	50	0	50	207748-29-6	Mellitus
101	Collagenase	20	0	20	9001-12-1	Skin Ulcer
102	Pegfilgrastim	10	0	10	208265-92-3	Infection
103	Peginterferonalf a-2a	10	0	10	215647-85-1	Hepatitis
104	Peginterferonalf a-2b	10	0	10	215647-85-1	Ribavirin
105	Peginterferonbet a-1a	10	0	10	1211327-92-2	Sclerosis
106	Pramlintide	10	0	10	196078-30-5	Insulin
107	Ranibizumab	10	0	10	347396-82-1	Blindness.
108	Tbo-filgrastim	10	0	10	121181-53-1	Chemotherapy
109	Interferonalfa-2b	10	0	10	98530-12-2	lymphoma
110	Interferonbeta-1a	10	0	10	145258-61-3	Sclerosis
111	Dulaglutide	10	0	10	923950-08-7	Mellitus
112	Interferon alfa-n3	5	0	5	98059-61-1	Genital warts
113	Interferon beta-1b	5	0	5	98059-61-1	Sclerosis
114	Interferon gamma-1b	5	0	5	98059-61-1,	Granulomatous
115	Albiglutide	5	0	5	782500-75-8	Polypeptide
116	Exenatide	5	0	5	141758-74-9	Diet
117	Liraglutide	5	0	5	204656-20-2	Victoza
118	Lixisenatide	5	0	5	320367-13-3	Diabete
119	Parathyroid	4	0	4	52232-67-4	Calcium

	hormone					
120	Aldesleukin	2	0	2	110942-02-4.	Carcinoma
121	Asparaginase	2	0	2	9015-68-3	lymphocytic
122	Becaplermin	2	0	2	165101-51-9	Sores
123	Ecallantide	2	0	2	460738-38-9	Kallikrein
124	Glucarpidase	2	0	2	9074-87-7	Methotrexate
125	Metreleptin	2	0	2	186018-45-1	Hormone
126	Ocriplasmin	2	0	2	1048016-09-6	Antiplasmin
127	Oprelvekin	2	0	2	145941-26-0	Platelets
128	Palifermin	2	0	2	162394-19-6	Chemotherapy
129	Pegaspargase	2	0	2	130167-69-0	leukemia
130	Pegloticase	2	0	2	885051-90-1	Sudden
131	Rasburicase	2	0	2	134774-45-1	Uric acid
132	Retepase	2	0	2	133652-38-7	Heart attacks
133	Romiplostim	2	0	2	267639-76-9	Platelets
134	Sargramostim	2	0	2	123774-72-1	Sores
135	Semaglutide	2	0	2	910463-68-2	Mellitus
136	Somatropin	2	0	2	12629-01-5	Genital warts
<b>Total</b>		<b>1910</b>	<b>0</b>	<b>1910</b>		

#### Formulation products Quantity

Description	Unit	Quantity
Cartridges	Lakhs unit/month	36
Prefilled Syringes	Lakhs unit/month	27
Vials and lyophilized vials	Lakhs unit/month	90
<b>Total Quantity</b>	<b>Lakhs unit/month</b>	<b>153</b>

#### List of Formulation Products

S. No	Name of Products (Injectables-Cartridges, Pre Filled Syringes, Vials/Lyophilized Vials)
1	Acetazolamide Inj
2	Acyclovir Inj.
3	Adenosine Inj.
4	Alprostadil Inj.
5	Amifostine Inj.
6	Amiodarone Inj.
7	Amphotericin B Inj.
8	Amphotericin B Liposomal Inj.
9	Anectine Inj.
10	Aquasol-A ( vit A) Inj,
11	Argatroban Inj.
12	AtracuriumBesylate Inj.
13	Azithromycin Inj.
14	Bacitracin Inj.

15	Bumetanide Inj.
16	Bupivacaine Inj.
17	Calcium folinate Inj.
18	Caspofungin Inj.
19	CisatracuriumBesylate Inj.
20	Clindamycin Inj.
21	Cyanocobalamin Inj.
22	Dantrolene Sod Inj.
23	Daptomycin Inj.
24	Deferoxamine Inj.
25	Diltiazem Inj.
26	Dipyrimadole Inj.
27	Eptifibatide Inj.
28	Erythromycin Inj.
29	Esomeprazole Inj.
30	Famotidine Inj.
31	Flucanazole
32	Fluphenazine Inj.
33	Fomepizole Inj.
34	Fosphenytoin Inj.
35	Furosemide Inj.
36	Ganciclovir Inj.
37	Ganciclovir Inj.
38	Ganciclovir Inj.
39	Gentamycin Inj.
40	Gentamycin Inj.
41	Glucagon Inj.
42	Granisetron Inj.
43	Haloperidol Decanoate Inj.
44	Haloperidol Inj.
45	Heparin Inj.
46	Ibuprofen Inj.
47	Iron Ferric (Sucrose)
48	Ketorolac Inj.
49	Labetalol Inj.
50	Leucovorin Calcium Inj.
51	Levetiracetam Inj.
52	Levofloxacin Minibag
53	Levothyroxine inj.
54	Lidocaine Inj.
55	Magnesium sulfateMinibag
56	Methocarbamol Inj.
57	Metoprolol Inj.
58	Metronidazole Minibag
59	Midazolam Inj.
60	Milrinone Inj.

61	MilrinoneMinibag
62	MoxifloxacinMinibag
63	Mycophenolate Inj.
64	Nalbuphine Inj.
65	Nesiritide Inj.
66	Nicardipine Inj.
67	Norepinephrine Inj. (Noradrenaline)
68	Octreotide Inj.
69	Olanzapine Inj.
70	Omeprazole Inj.
71	Ondansetron Inj.
72	Other New Products
73	Paliperidone Inj.
74	Pantoprazole Inj.
75	Polymyxin Inj.
76	Procainamide Inj.
77	Propofol Inj.
78	Ranitidine Inj.
79	RocuroniumInj
80	RocuroniumInj
81	RopivacaineMinibag
82	Sincalide Inj.
83	Sulphamethoxazole+Trimethoprim
84	Thiotepa Inj.
85	Tigecycline Inj.
86	Tobramycin Inj.
87	Tranexamic Acid Inj.
88	Vancomycin Inj.
89	Vecuronium Inj.
90	Zoledronic Inj.

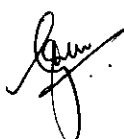
**List of By-Products and Its Quantities**

Nil

**Details of Process emissions generation and its management**

S. No	Name Of The Gas	Quantity Kg/Day	Disposal Method
1	HCl	0	-
2	CO <sub>2</sub>	0	-
3	SO <sub>2</sub>	0	-
4	NO <sub>x</sub>	0	-

**Details of Solid waste & Hazardous waste generation and its management.**






Waste Category	Waste	Unit	Existing	Proposed	After Expansion Qty	Disposal Method
5.1	Used/ Spent Oil	KL/A	10	0	10	Sent to Authorized recyclers
28.1	Process residue and waste	T/A	0.5	0	0.5	Sent to Authorized Incinerator
28.3	Spent Carbon	T/A	5.0	0	5.0	Distilled in house or stored in secured manner and disposed to authorized re-Processors.
28.4	Off Specification Products	T/A	3.0	0	3.0	Stored in secured manner and disposed to KSPCB authorized incinerator.
28.5	Date Expired and off Specification Medicines and drugs / Chemicals	T/A	2.0	0	2.0	Stored in secured manner and disposed to KSPCB authorized incinerator
28.6	Spent solvents	T/A	6.0	0	6.0	Disposed to KSPCB authorized TSDF
33.1	Empty barrels/ Containers /liner contaminated with Hazardous chemicals/ waste	T/A	3.0	0	3.0	Sent to KSPCB authorized recyclers
37.2	Flue gas cleaning residue	T/A	0.0	0	10.0	Sent to KSPCB authorized recyclers
35.3	Chemical sludge from waste water treatment plant	T/A	10.0	0	10.0	Disposed to KSPCB authorized TSDF
-	Metal and metal alloy waste in metallic non-dispersible	T/A	0.0	0	10.0	Sent to KSPCB authorized recyclers

	form					
-	DB-3020 Paper board and paper products waste	/A	5.0	0	5.0	Sent to KSPCB authorized recyclers
-	B3040-Rubber waste	T/A	5.0	0	5.0	Sent to KSPCB authorized recyclers
-	B1090 Waste batteries	T/A	2.0	0	2.0	Sent to KSPCB authorized recyclers
-	B3050-Untreated cork & wood waste	T/A	50.0	0	50.0	Sent to KSPCB authorized recyclers

Kg per day													
	EFFLUENT WATER								SOLID WASTE				
Water input	Water in Effluent	Organics in effluents	TDS	COD	BOD	HTDS	LTDS	Total Effluent	Organic	In Organic	Spent carbon	Process Emission	Distillation residue
117.5	38.31	-	71.01	101.07	64	-	39.46	39.46	-	8.3	13.7	0	-

#### HAZARDOUS SOLID WASTE DETAILS

Organic solid waste	Inorganic solid waste	Spent Carbon	Distillation Residue
Kg/day	Kg/day	Kg/day	Kg/day
-	8.3	13.7	-

#### EMISSION DETAILS

Kg/day		
HCl	CO <sub>2</sub>	SO <sub>2</sub>
0	0	0

This project was deferred during 268<sup>th</sup> SEAC meeting for want of the following details.

- 1) Certified compliance to earlier EC conditions
- 2) Land details proposed for expansion
- 3) Visible concept plan with colour and indexing showing the existing and proposed industry.
- 4) Consolidated pollution load based on the worst case scenario.
- 5) The copy of the EC issued to the industrial area.

The proponent submitted the replies and the committee accepted the replies submitted by the proponent and decided to continue with the appraisal of the project proposal.

This is a proposal for expansion of the existing unit, for which the E.C. was issued on 07.01.2016 and the proponent submitted certified compliance to earlier E.C. conditions from Regional Office, MoEF & CC on 03.12.2021. Earlier the land area was 10-00 Acres & the proponent has added 1.80 Acres of additional leased KIADB land. The proponent applied under B2 category as per the MoEF&CC Notification dated: 16<sup>th</sup> July 2021.

The proponent has submitted consolidated pollution load and details of management of Hazardous Waste. The proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding. The proponent also informed that he will send the effluents and Hazardous Waste to authorized KSPCB vendors. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

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

**272.32 Building Stone Quarry Project at Mamdapur Village, Gokak Taluk, Belagavi District (1.21 Ha) by M/s. Shri Sai Minerals - Online proposal number - SIA/KA/MIN/184421/2020 (SEIAA 401 MIN 2020) - Expansion**

**About the project:**

S.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>M/s. Shri Sai Minerals,</b> 210/3B/2, Anand Nilaya, Laxmi Extension near Bomaby Chawl, Gokak, Belagavi - 591233
2	Name & Location of the Project	Building Stone / M Sand Quarry in 3-00Acre of Patta Land bearing Sy. Nos. 629/A31/2 (P) in Mamdapur Village, Gokak Taluk, Belagavi District.
3	Type Of Mineral	Building Stone / M Sand
4	New / Expansion / Modification / Renewal	Expansion

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	81,218 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	1.00 (Rs. 100 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,37,264 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	81,218 Tons/Annum (Max.)
11	<b>Modified CER Action Plan:</b>	
	<b>Year</b>	<b>CER Activities</b>
	2021-22	Rejuvenation of Kanvi Halla at a distance of 3.0kms catchment area 1.0 Ha
	2022-23	Local road maintenance
	2023-24	Afforestation for Mamdapur school premises
12	EMP Budget	Rs. 0.60 Lakhs (Capital Cost) & 1.00 Lakhs (Recurring cost)

This project was deferred during 257<sup>th</sup> SEAC meeting for want of certified compliance to earlier E.C. conditions and the proponent has submitted replies along with certified compliance to earlier E.C. conditions from KSPCB.

This is a proposal for expansion, for which the EC was issued earlier on 30.11.2016 and lease was granted on 22.11.2016. The proponent has obtained NOCs from Forest, Revenue Dept. and has applied for land conversion.

There is an existing cart track road to a length of 500 meters connecting lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 3-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 7,37,264 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee decided to recommend the proposal to SEIAAs for issue of Environmental Clearance for maximum annual production of 81,218 Tonnes per annum (including waste).

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




**272.33 Grey Granite Quarry Project at Parjenahalli Village, Kolar Taluk, Kolar District (6-10 Acres) (Q.L.No.859) by Sri Yusuf Sharif - Online proposal number - SIA/KA/MIN/191230/2021 (SEIAA 13 MIN 2021) - Renewal**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Yusuf Sharif, No. 423, 1 <sup>st</sup> Floor, 2 <sup>nd</sup> Main Road, HRBR Layout, Kalyan Nagar, Bengaluru- 560043
2	Name & Location of the Project	Grey Granite Quarry in 6-10 Acres of Govt. Kharab Land bearing Sy. No. 22, Parjenahalli Village, Kolar Taluk & District
3	Type Of Mineral	Grey Granite
4	New / Expansion / Modification / Renewal	(Existing QL No. 859) (Deemed Extension for 30 years, from 25.08.2011)
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Land
6	Area in Ha	6-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	19,950 Tons/Annum (Avg.) (25% recovery, 75% waste)
8	Project Cost (Rs. In Crores)	0.50 (Rs. 50 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	8,46,678 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	19,950 Tons/Annum (Avg.) (25% recovery, 75% waste)
11	<b><u>CER Action Plan:</u></b>	
	<ul style="list-style-type: none"> <li>• We propose to carry out Roof Top Rain Water Harvesting system with ground water recharging facility, at the Govt. School, Vemagal Village</li> <li>• Additionally, it is proposed to provide CC road from quarry location to the nearby govt. black top road (approx. 100m)</li> </ul>	
12	EMP Budget	Rs. 3.20 Lakhs (Capital Cost) & 17.53 Lakhs (Recurring cost)

This project was deferred during 257<sup>th</sup> SEAC meeting for want of google earth image, revised EMP and an undertaking to take up drinking water works at Seethi village under CER. The proponent submitted the replies along with an undertaking to take up the works under CER.

This is a proposal for renewal of the lease. Earlier the lease was granted on 25.07.2011 for 10 years. As per the audit report submitted, the proponent carried out mining till 2013-14 and further no mining activity has been carried out till 2020-21. The Proponent has obtained NOCs from Forest and Revenue Dept.

There is an existing cart track road to a length of 96m connecting lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.




The lease was granted prior to 09.09.2013. The area of the subject lease is 6-10 Acres and project is categorized as B2. The Proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent has informed that all mitigative measures will be taken up to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 8,46,678 tons (25% recovery, 75% waste) as per the approved quarry plan, the committee estimated the life of the mine co-terminous with the lease period. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for maximum annual production of 19,950 Tonnes per annum (25% recovery, 75% waste).

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

**272.34 Building Stone Quarry Project at Sy.No.77/3 of Shedabal Village, Kagawad Taluk, Belagavi District (1-00 Acre) by Sri Appasahib Balu Waddar - Online proposal number - SIA/KA/MIN/195672/2021 (SEIAA 127 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.35 Expansion of Standalone Grinding Unit Project at Sy.No.817/1 of Yadwad Village, Gokak Taluk, Belgaum District by M/s. Katwa Cements Pvt. Ltd. - Online proposal number - SIA/KA/IND/209230/2021 (SEIAA 34 IND 2021) - Expansion**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Katwa Cements Pvt Ltd
2	Name & Location of the Project	Sy. No. 817/1, Yadwad Village, Gokak Taluk, Belgaum District – 591136,
3	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Sl. No. 3(b) of the schedule of EIA Notification
4	New/ Expansion/ Modification/ Product mix change	New EC, existing project, Project was established in 1987.
5	Plot Area (Sqm)	28,894.55 sqm (7.14 Acre)
6	Component of developments	Standalone Cement Clinker Grinding and Blending Unit (400 TPD)
7	Project cost (Rs. In crores)	6.3 Crores
8	Details of Land Use (Sqm)	

		<b>Land use Analysis</b>			
		<b>Sl. No</b>	<b>Particular</b>	<b>Area In Sq. Mts.</b>	<b>%</b>
		1	Builtup Area	11559.55	40
		2	Landscape Area	9535	33
		3	Paved Area	3900	13.5
		4	Road Area	3900	13.5
				<b>28894.55</b>	<b>100.00</b>
9	Products and By-Products with quantity (enclose as Annexure if necessary)	400 TPD/ 1,20,000 MTA Clinker Cement Grinding and Blending			
10	Raw material with quantity and their source-enclose as Annexure if necessary				
		<b>Sl.No</b>	<b>Particulars</b>	<b>In Tons/day</b>	
		1	Clinkers	76	
		2	Fly ash	20	
		3	Gypsum	5	
		<b>Total</b>		<b>101</b> <b>(considering 1% of wastage)</b>	
11	Mode of transportation of Raw material and storage facility				
<b>Sl. No</b>	<b>Raw Materials</b>	<b>Source of Raw Materials</b>	<b>Raw material procurement Distance</b>	<b>Mode of Transportation</b>	
1	Clinkers	M/s ACC Cement, Wadi	419 km	Railways	
		JK Cement, Muddapur	382 km		
		Vasavdatta Cement, Sedam	14km		
2	Fly ash	Raichur Thermal Power Plant	320 km	Railways	
3	Slag	JSW Torangallu	208 km	Railways	
		Kalyani Steels	204 km		
		Sesa, Goa	210 km		
4	Gypsum	Classic Trade Centre, Cochin	700 km	Railways	
12	Details of Plant and Machinery with capacity/ Technology used	Standalone Clinker Cement Grinding and Blending Unit-400 TPD.			
13	<b>WATER REQUIREMENT</b>				
i	Construction Phase			NA	
ii	Operational Phase				
a	Source of water			Bore well	
b	Total Requirement of Water in (Domestic + Industrial) KLD			5.0 KLD	
c	Requirement of water for industrial purpose/ production in KLD			Industrial -2.0 KLD (Cooling purpose) Domestic purpose- 3.0 KLD	
d	Waste water generation in KLD			2.7 KLD-From Domestic only.	
e	ETP/ STP capacity			Not Applicable	

	f	Technology employed for Treatment	Septic tank followed by Soak pit system			
14		Infrastructure for Rain water harvesting	<ol style="list-style-type: none"> <li>1. The Rain Water Collected from the Roof will be directed to a Rain Water Collection Sump of 170 Cum capacity.</li> <li>2. The run off from the Paved and the Landscape Area will be used to recharge the groundwater by installing 11 Nos recharge pits.</li> </ol>			
<b>15 AIR POLLUTION SOURCES&amp; CONTROL MEASURES</b>						
	a	Sources of Air pollution	The main source of point source pollution from Ball Mills, Packing plant, storage silos, cement mill raw material handling shed.			
	b	Composition of Emissions	Major pollutants from the processes are dust depending upon grinding of fly ash and clinker.			
	c	Air pollution control measures proposed and technology employed				
		<b>Sl. No</b>	<b>Chimney attached to</b>	<b>Type of Fuel</b>	<b>Chimney Height</b>	<b>Air Pollution Control System</b>
		01	Ball Mills – 130 TPD (3 Nos.)	Electricity	9m AGL	Bag filter and Adequate stack height
		02	Packing plant – 200 TPD (2 Nos.)	Electricity	3m AGL	Bag filter and Adequate stack height
		03	Storage Silos	-	9m AGL	Dust Collector and Adequate stack height
		04	Cement Mill Raw material handling Shed	-	9m AGL	Adequate stack height
<b>16 NOISE POLLUTION SOURCES&amp; CONTROL MEASURES</b>						
	a	Sources of Noise pollution	<ul style="list-style-type: none"> <li>• Operation in the standalone grinding unit and Vehicular Movement.</li> </ul>			
	b	Expected levels of Noise pollution in dB	<ul style="list-style-type: none"> <li>• 75 dB (A) to 90 dB(A).</li> </ul>			
	c	Noise pollution control measures proposed	<ol style="list-style-type: none"> <li>1. Acoustic lining &amp; silencers will be used in equipment's wherever possible.</li> <li>2. Acoustic enclosure around areas with high noise levels.</li> <li>3. Lubrication of equipment's</li> <li>4. Vibration dampers.</li> <li>5. PPEs like ear muffs shall be provided.</li> <li>6. Green belt development.</li> </ol>			
<b>17 WASTE MANAGEMENT</b>						
	1	Operational Phase				
	a.	Quantity of Solid waste generated per day and their disposal				
		<b>Solid waste Details</b>				
		<b>Sl. No</b>	<b>Type of waste</b>	<b>Quantity (MTA)</b>	<b>Method of handling/disposal</b>	
		1	General office waste 1. Biodegradable	12 Kgs/Month	Shall be stored in accordance to KSPCB /CPCB Guidelines	



		2. Non-biodegradable	5 kg/day 7 kg/day	and disposed to authorized dealers/	
		Hazardous waste generation per day and their disposal			
	b.	<b>Sl.</b>	<b>Type</b>	<b>Category</b>	<b>Method of Disposal</b>
		1	Used lubricating oil	0.25 KLA	Shall be Re-used in girth and pinion of ball mill
18	<b>POWER REQUIREMENT</b>				
	a.	Total Power Requirement in the Operational Phase with source		1500 KVA from HESCOM	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply		DG set shall not be used in the Standalone cement grinding industry.	
	c.	Details of Fuel used with purposes such as boilers, DG, Furnace, TFH, Incinerator Set etc.,		Electrical power shall be used for running the operation unit and source from HESCOM	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		Solar panels will be installed for common area lighting purpose like LED lights, power saving appliances. 5 star power-rating pumps, motors will be used. Total energy saving is estimated to be 1% from the total power load.	

This is a proposal for expansion of Clinker Grinding & Blending Unit from 100 MTD to 400 MTD. Earlier the proponent was operating the unit with CFO obtained from KSPCB.

The proponent applied under B2 category as per the Office Memorandum dated 24<sup>th</sup> December 2013 issued by MoEF&CC, GoI, wherein it is mentioned that all stand alone grinding units could be categorized under B2 category if it satisfies the subject to the condition that the transportation of raw materials and finished products shall be primarily through railways (transportation by railways should not be less than 90% of the traffic inward and outward put together).

Proponent submitted undertaking and route map showing the percentage of distance covered through railways and roadways, wherein he confirmed that more than 90% of raw materials and finished products would be transported only through railways. Committee after deliberation decided to categorize the proposal as B2 category.

The proponent submitted revised plantation details incorporating 3 tier 10 meter width of Ashoka tree plantation and revised EMP with continuous monitoring of the ambient air and air purifiers to mitigate dust pollution.

The proponent has collected baseline data of air, water, soil and noise which are found to be within the permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters will be maintained within the permissible limits. The proponent informed that the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

The committee after discussion and deliberation 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.**

**272.36 Building Stone Quarry Project at Tenkamijaru Village, Mudabidre Taluk, Dakshina Kannada District (2-00 Acres) - Sri Ramakrishna Adapa - Online proposal number - SLA/KA/MIN/210229/2021 (SEIAA 220 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri Ramakrishna Adapa</b> S/o. Sri. Late. Chikkayya Adapa, #3-47/1, Bandottu, Near Shivaramakaranth Layout, Padav Village, VTC Mangalore, Konchady Post, Dakshina Kannada District
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Patta Land bearing Sy. No. 414/3, Tenkamijaru Village, Mudabidre Taluk, Dakshina Kannada District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	2-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	81,504 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,96,248 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	81,504 Tons/Annum (Max.)
11	<b>CER Action Plan:</b>	
	<ul style="list-style-type: none"> <li>Proposed to provide plantation 200 nos. of locally suitable species, on both sides of the approach road from quarry location, to the nearby black top road, to a length of 717 meters.</li> </ul>	
12	EMP Budget	Rs. 19.80 Lakhs (Capital Cost) & 10.94 Lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting for want of revised plan incorporating the free access to the Govt. land. The proponent submitted a revised plan incorporating the free access to the Govt. land.

The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land convesion. The lease was notified on 24.09.2021.

There is an existing cart track road to a length of 717 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 2-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters

are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 4,96,248 Tons as per the approved quarry plan, the committee estimated the life of the mine as 7 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for maximum annual production of 81,504 TPA.

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

**272.37 Black Granite Quarry Project at Sy.No.244/3 of Terakanambi Village, Gundlupete Taluk, Chamarajanagara District (0-24 Acres) by Sri S. Umesh Kumar - Online proposal number - SIA/KA/MIN/214004/2021 (SEIAA 230 MIN 2021)**

The committee observed that the proponent has submitted quarry plan for Ornamental Stone quarrying which is a specified mineral as per Schedule-I without submitting the C&I Notification recommended by the Govt. As per section 8F of the KMMCR, 1994 the recommendation of Govt is required for specified mineral. However in the instance case, there is no C&I Notification submitted by the proponent. Hence the committee after discussion and deliberation decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

**272.38 Black Granite Quarry Project at Sy.Nos. 809 & 280 of Terakanambi Village, Gundlupete Taluk, Chamarajanagara District (5-18 Acres) (2.205 Ha) - Sri M. Nanjundaswamy - Online proposal number - SIA/KA/MIN/213997/2021 (SEIAA 228 MIN 2021)**

The committee observed that the proponent has submitted quarry plan for Ornamental Stone quarrying which is a specified mineral as per Schedule-I without submitting the C&I Notification recommended by the Govt. As per section 8F of the KMMCR, 1994 the recommendation of Govt is required for specified mineral. However in the instance case, there is no C&I Notification submitted by the proponent. Hence the committee after discussion and deliberation decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

**272.39 Building Stone Quarry Project at Sy.Nos.23/15, 16, 17, 18, 19, 20, 21, 22, 23 & 24 of Belur Village, Talikoti Taluk, Vijayapura District (4-00 Acres) (1.61 Ha) by Sri Motilal L. Chavan - Online proposal number - SIA/KA/MIN/208254/2021 (SEIAA 317 MIN 2021)**

The committee observed that there is a nala within the project site as per the village survey map presented during appraisal. The committee after discussion and deliberation decided to defer the appraisal of the project proposal till submission of the clarification in this regard.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**



**272.40 Building Stone Quarry Project at Kalya Village, Karkala Taluk, Udupi District (2-00 Acres) by Sri Suresh Shetty - Online proposal number - SIA/KA/MIN/217492/2021 (SEIAA 302 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri. Suresh Shetty</b> S/o Kutti Shetty Nandalike Village, Karkala Taluk, Udupi District.
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Patta Land Sy.No. 176/1 of Kalya Village, Karkala Taluk, Udupi District, Karnataka.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New (Modified Proposal)
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	50,000 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,39,460 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	50,000 Tons/Annum (Max.)
11	<b><u>CER Action Plan:</u></b> <ul style="list-style-type: none"> <li>Propose to provide Roof top Rain water harvesting System and Ground Water recharge facility to nearby Govt. Primary School Kalya Village</li> </ul>	
12	EMP Budget	Rs. 14.30 Lakhs (Capital Cost) & 10.76 Lakhs (Recurring cost)

This project was taken up during 269<sup>th</sup> SEAC meeting and in the said meeting the proponent requested to raise ADS so as to enable them to submit a modified quarry plan, as it was necessary for revision in production plan. The proponent has submitted a revised quarry plan.

The Proponent has obtained NOCs from Forest, Revenue Dept and has applied for land conversion. The lease was notified on 21.12.2020.

There is an existing cart track road to a length of 500 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG, there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 4.80 Acres. Hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within

permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 6,39,460 Tons as per the approved quarry plan, the committee estimated the life of the mine as 13 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an maximum annual production of 50,000 TPA.

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

**272.41 Building Stone Quarry Project at Hirekati Village, Gundlupete Taluk, Chamarajanagara District (3-00 Acres) (Q.L.No.153) by Smt. K. Gayathri - Online proposal number - SIA/KA/MIN/217887/2021 (SEIAA 303 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Smt. K. Gayathri W/o Sri. H.P. Puttanna, No.3297-7, 11th Cross, R.P. Road, Nanjanagud Town, Mysuru District.
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acre of Govt. Land bearing Sy. No. 108, Hirekati Village, Gundlupet Taluk & Chamarajanagara District, Karnataka. (QL No. 153).
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	Renewal(QL No. 153)
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Land
6	Area in Ha	3-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	76,700Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.40 (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,00,550 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	76,700Tons/Annum (Max.)
11	<b>CER Action Plan:</b>	
	<ul style="list-style-type: none"> <li>Propose take up 300 Nos. of additional plantation on either side of the approach road from quarry location to Hirekati Village Road</li> </ul>	
12	EMP Budget	Rs. 4.70 Lakhs (Capital Cost) & 12.66 Lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting, for want of submission of Forest NOC clearly certifying that the project site is outside the deemed Forest. The proponent submitted the replies along with Forest NOC mentioning that the project site is outside the deemed Forest.

This is a proposal for renewal of the lease, for which lease was granted on 21.04.2006 for 5 years. As per the audit report certified by DMG authorities the proponent has carried out

quarrying activity from 2006-07 to 2014-15 and further no quarrying activity has been carried out till 2020-21. The Proponent has obtained NOCs from Forest and Revenue Dept.

There is an existing cart track road to a length of 300 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 8 other leases within 500 meter radius from the lease area, out of which the leases granted for 6 leases were prior to 09.09.2013. The area of the 3 leases including the subject lease is 8-10 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 5,00,550 Tons as per the approved quarry plan, the committee estimated the life of the mine as 7 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an maximum annual production of 76,700 TPA.

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

**272.42 Ordinary Sand Quarry Project at Sasalli Village, Sindhanur Taluk, Raichur District (5-10 Acres) by Sri H.M. CHANNABASAVA SWAMY – Online proposal number - SIA/KA/MIN/219821/2021 (SEIAA 305 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri. H M Channabasava Swamy</b> S/o Sri. H M Vishwanatha Swamy Hasamakal Village, Gudadhuru Post, Maski Taluk, Raichur District
2	Name & Location of the Project	Ordinary Sand Quarry in close vicinity to Sindhanur Halla at Sy. No. 3/*/1, 3/*/2, 3/*/3 & 3/*/4 Sasalli village, Sindhanur Taluk, Raichur District (5-10 Acres)
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	5-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	22,718 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,13,595 Tons
10	Permitted Quantity Per Annum -	22,718 Tons/Annum (Max.)

	Cu.m / Ton	
11	<b>CER Action Plan:</b>	
	<ul style="list-style-type: none"> <li>• Propose take up 250 Nos. of additional plantation on either side of the approach road from quarry location to Sasalli Village Road</li> <li>• Propose to provide Rainwater Harvesting and Ground water recharge facility at Govt. Higher Primary School, Gomarsi Village</li> </ul>	
12	EMP Budget	Rs. 11.74 Lakhs (Capital Cost) & 15.27 Lakhs (Recurring cost)

This project was considered during 263<sup>rd</sup> SEAC meeting and deferred, since the committee received an e-mail complaint on 25.10.2021 from Mr Ravi Sindhur, informing that near this project site there is an Anjaneya temple, village and also a road and requested to reject the project proposal.

The proponent submitted replies stating that the project site is at a distance of 1.38KM from Anjaneya Temple, village is at a distance of 130meters & a road is at a distance of 400meters. The committee after discussion decided to continue with the appraisal.

The proponent has obtained NOCs from Forest & Revenue Dept and land conversion order. The lease was notified by C&I Dept on 10.08.2021. The lease area is at a distance of 50meters from Sindhanur Halla.

There is an existing cart track road to a length of 400meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & Enforcement Guidelines 2020.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 5-10 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 1,13,595 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 22,718 TPA.

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

**272.43 Building Stone Quarry Project at Sy.Nos.89/6 of Mattihal Village, Kolhar Taluk, Vijayapura District (4-34 Acres) by Sri Bandenavaj M. - Online proposal number - SIA/KA/MIN/221477/2021 (SEIAA 366 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.44 Building Stone Quarry Project at Sy.Nos.50/4 of Mulawad Village, Kolhar Taluk, Vijayapura District (3-00 Acres) by Sri Mainuddin M. - Online proposal number - SIA/KA/MIN/221547/2021 (SEIAA 367 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.45 Building Stone Quarry Project at Sy.Nos.48/6 of Mulawad Village, Kolhar Taluk, Vijayapura District (4-00 Acres) by Sri Kasimsab M. - Online proposal number - SIA/KA/MIN/221656/2021 (SEIAA 369 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.46 Ornamental Stone (Black Granite) Quarry Project at Sy.No.724 of Maralebekuppe Village, Uyyamballi Hobli, Kanakapura Taluk, Ramanagara District (1-10 Acres) by Sri Amanulla Khan - Online proposal number - SIA/KA/MIN/215980/2021 (SEIAA 357 MIN 2021)**

The committee observed that the proponent has submitted quarry plan for Ornamental Stone quarrying which is a specified mineral as per Schedule-I without submitting the C&I Notification recommended by the Govt. As per section 8F of the KMMCR, 1994 the recommendation of Govt is required for specified mineral. However in the instance case, there is no C&I Notification submitted by the proponent. Hence the committee after discussion and deliberation decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

**272.47 Ornamental Grey Granite Quarry at Bandiharlapura Village Koppal Taluk & District (3-00 Acres) by Sri M. Prashant - Online proposal number - SIA/KA/MIN/223961/2021 (SEIAA 372 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri. M Prashant</b> S/o Sri. Mohan, Bandiharalapur Post, Koppal Taluk & District
2	Name & Location of the Project	Ornamental Grey Granite Quarry in 3-00 Acre of Patta Land bearing Sy. No. 174, Bandiharalapur Village, Koppal Taluk & District.
3	Type Of Mineral	Grey Granite
4	New / Expansion / Modification / Renewal	New



5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	3-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	20,000 Cum (recovery 30% and 70% waste)
8	Project Cost (Rs. In Crores)	0.35 (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,21,725 Cum (recovery 30% and 70% waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	20,000 Cum (recovery 30% and 70% waste)
11	<b>CER Action Plan:</b> • Propose to provide 300 Nos. of additional plantation, on both sides of the approach road	
12	EMP Budget	Rs. 32.23 Lakhs (Capital Cost) & 15.08 Lakhs (Recurring cost)

This project was deferred during 268<sup>th</sup> SEAC meeting for want of C&I Notification and proponent has submitted the replies along with the C&I Notification. The proponent has obtained NOCs from Forest, Revenue Dept and land conversion Order. The lease was notified on 10.12.2021.

There is an existing cart track road to a length of 1.2KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 3-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 2,21,725 Cum (recovery 30% and 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 20,000 Cum (recovery 30% and 70% waste)

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

**272.48 Pink, Grey Granite & Murrum Quarry Project at Katapur Village, Kushtagi Taluk, Koppala District (4-20 Acres) (1.82 Ha) by Sri Siddappa Nagappa Avin - Online proposal number - SIA/KA/MIN/224495/2021 - (SEIAA 363 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Siddappa Nagappa Avin. #22, Ward no 1, Katapur Village, Kustagi Taluk, Koppal District-583281

2	Name & Location of the Project	Granite Quarry (Pink, Grey Granite and Murrum) AQL falling in at Part of Survey no's 134/2 & 134/5 in Katapur Village, Kushtagi Taluk, Koppal District, Karnataka State.
3	Type of Mineral	Pink, Grey Granite and Murrum
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta land
6	Area in Ha	4 Acres 20 Guntas (1.8212 Ha).
7	Annual production (metric ton /Cum) per annum	14,142 Cum (30% recovery & 70% waste) and 6,019 Tons/Annum (average) of Murrum
8	Project Cost (Rs. In Crores)	0.99Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	3,16,774 Cum (30% recovery & 70% waste)
10	Permitted quantity per annum- Cu.m/Ton	14,142 Cum (30% recovery & 70% waste) and 6,019 Tons/Annum (average) of Murrum
11	Proponent shall supply computers/ laptops, water plant and mick sets to the to the Government higher primary school at Katapur Village.	
12	EMP Budget	Rs. 7.65 lakhs (Capital Cost) &Rs. 11.25 lakhs (Recurring cost)

This project was deferred during 268<sup>th</sup> SEAC meeting for want of C&I Notification and proponent submitted the replies along with the C&I Notification.

The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified on 10.12.2021.

There is an existing cart track road to a length of 600 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 4-20 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 3,16,774 Cum (30% recovery & 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 23 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an average annual production of 14,142 Cum (30% recovery & 70% waste) and 6,019 Tons/Annum (average) of Murrum.

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

**272.49 Sirasagi Sand Block Project at Sy.Nos. 48, 1, 4 & 3 of Sirasagi Village, Afzalpur Taluk, Kalburgi District (8-00 Acres) by M/s. Hutti Gold Mines Company Limited - Online proposal number - SIA/KA/MIN/226326/2021 (SEIAA 444 MIN 2021)**

Committee observed that the depth of sand block recommended for mineral concession is 2.5 meters as per the joint inspection report submitted by the proponent. As per the sustainable sand mining guidelines 2016, the sand mining will be permitted to one meter depth where the thickness of sand is morethan three meter deep. If the thickness of sand is less than three meter, sand mining shall not be permitted.

The committee after discussion and deliberation decided to defer the appraisal of the project proposal, since the depth of the sand available is less than three meters.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

**272.50 Sand Block Project at Sy. Nos. 282 &286 of Havanuru Village, Haveri Taluk, Haveri District (11-00 Acres) by M/s. Hutti Gold Mines Company Limited - Online proposal number - SIA/KA/MIN/226869/2021 (SEIAA 421 MIN 2021)**

Committee observed that the depth of sand block recommended for mineral concession is 1 meter as per the joint inspection report submitted by the proponent. As per the sustainable sand mining guidelines 2016, the sand mining may be permitted to one meter depth wherever the thickness of sand is morethan three meter deep. If the thickness of sand is less than three meter, sand mining shall not be permitted.

The committee after discussion and deliberation decided to defer the appraisal of the project proposal, since the depth of the sand available is less than three meters.

**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

**272.51 Building Stone Quarry Project at Sy. No. 122/3K of Ainapur Village, Bijapur Taluk, Bijapur District (2-00 Acres) by Sri Tamboli M R. - Online proposal number - SIA/KA/MIN/226910/2021 (SEIAA 449 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri M.R. Tamboli,</b> At Post, Ainapur, Bijapur Taluk, Bijapur District-586101
2	Name & Location of the Project	Building Stone Quarry in 2-00Acre Of Patta Land bearing Sy.No 122/3K in Ainapur Village, Bijapur Taluk, Bijapur District,
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land

6	Area in Ha	2-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	14,500 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.33 (Rs. 33 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	72,500 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	14,500 Tons /Annum (Max.)
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>Propose to carry out Roof Top Rain Water Harvesting system with ground water recharging facility, at the Govt. School, in the nearby Ainapur Village.</li> </ul>	
12	EMP Budget	Rs. 11.80 Lakhs (Capital Cost) &9.01 Lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting, since the proponent had not submitted a clear Forest NOC. Also the proponent was required to revise the EMP by incorporating gully plugs & check dams and submit revised production plan. The proponent has submitted replies.

The Proponent has obtained NOCs from Forest, Revenue Dept. and land conversion Order. The lease was notified on 23.03.2021.

There is an existing cart track road to a length of 380 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 6-00 Acres. Hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 72,500 Tons as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 14,500 TPA.

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

**272.52 Building Stone Quarry Project at Sy. No. 64/1 of Unnibhavi Village, Nidagundi Taluk, Vijayapura District (5-00 Acres) by Sri Sharanappa S Alur K.K - Online proposal number - SIA/KA/MIN/226895/2021 (SEIAA 450 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**




**272.53 Building Stone Quarry Project at Sy. No. 222/2 P of Umatara Vilage, Ramadurga Taluk, Belagavi District (9-20 Acres) by Sri Vinod Kumar - Online proposal number - SIA/KA/MIN/228575/2021 (SEIAA 483 MIN 2021)**

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.54 Building Stone Quarry Project at Sy. Nos. 14 & 2/2 of Udapudi Village, Ramadurga Taluk, Belagavi District (9-02 Acres) by Sri Veerendra R Mathad - Online proposal number - SIA/KA/MIN/229124/2021 (SEIAA 492 MIN 2021)**

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.55 Dolomite Quarry Project at Sy. Nos. 73/1, 73/5 & 73/6 of Kanasageri Village, Lokapur Taluk, Bagalkot District (11-11 Acres) by Sri Suresh R Mathad - Online proposal number - SIA/KA/MIN/229210/2021 (SEIAA 493 MIN 2021)**

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.56 Building Stone Quarry Project at Belavina kodige Village, Koppa Taluk, Chikkamagaluru Disteict (1-00 Acre) by Sri Kaviraju JS - Online proposal number - SIA/KA/MIN/229488/2021 (SEIAA 498 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Addressof the Projects Proponent	Sri. J. S. Kaviraju S/o Sri. Shankarappa Gowda, Bhuvankote Village, Koppa Taluk, Chikkamagaluru District,
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acres of Govt. Gomala Land bearing Sy. No. 37(P), Belavina kodige Village, Koppa Taluk & Chikkamagaluru District, Karnataka
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	Enhancement
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Gomala Land
6	Area in Ha	1-00Acres
7	Annual Production (Metric Ton / Cum) Per Annum	26,300 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)

9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,57,800 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	26,300 Tons /Annum (Max.)
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>Propose to provide Roof Top Rain Water Harvesting facility to the Govt. School, Belavina kodige Village.</li> </ul>	
12	EMP Budget	Rs. 13.77 Lakhs (Capital Cost) & 10.21 Lakhs (Recurring cost)

This project was considered during 269<sup>th</sup> SEAC meeting and deferred for want of certified compliance to earlier EC conditions. The proponent submitted the certified compliance to earlier EC conditions by KSPCB.

This is a proposal for expansion, for which the EC was issued earlier on 06.06.2013 and lease was granted on 17.10.2017 w.e.f. 16.12.2013. The proponent has obtained NOCs from Forest & Revenue Dept.

There is an existing cart track road to a length of 500 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the EC was issued prior to 15.01.2016, the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 1,57,800 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 26,300 TPA.

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

**272.57 Ordinary Sand Quarry Project at Vasan Village, Naragunda Taluk, Gadag District (7-26 Acres) by Sri Laxman M Narappanavar - Online proposal number - SIA/KA/MIN/229696/2021 (SEIAA 501 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Laxman M Narappanavar S/o Mallappa, Kadampur Village & Post, Bagalkot Taluk, Bagalkot District - 587111.
2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent of 7-26 Acres (3.095 ha) in Sy. No. 47/2 of Vasan Village, Naragund Taluk, Gadag District
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 Land
6	Area in Ha	3.095Ha
7	Annual production (metric ton /Cum) per annum	46,170 tons for 1 <sup>st</sup> year & 50,000 tons per annum for remaining 2 years for 3 years of plan period
8	Project Cost (Rs. In Crores)	1.38 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,46,170 tons
10	Permitted quantity per annum- Cu.m/Ton	46,170 tons for 1 <sup>st</sup> year & 50,000 tons per annum for remaining 2 years for 3 years of plan period
11	CER Action Plan:	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Providing solar power panels to common public places
	2 <sup>nd</sup>	Rain water harvesting facility in Vasan Village
3 <sup>rd</sup>	Scientific support and awareness to local farmers to increase yield of crop and fodder	
12	EMP Budget	Rs. 9.06 lakhs (Capital Cost) & Rs. 16.78 lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting for want of C&I Notification and proponent has submitted replies along with the C&I Notification.

The proponent has obtained NOCs from Forest, Revenue Department and has applied for land conversion order. The lease was notified on 10.12.2021. The lease area is at a distance of 50 mts from Malaprabha river.

As per the Cluster sketch prepared by the DMG there are no other leases within the 500 meter radius from this lease area. The total area of the proposed lease is 7-26 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are found to be within the permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 1,46,170 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of Production of 46,170 tons for 1<sup>st</sup> year & 50,000 tons per annum for remaining 2 years.

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

**272.58 Building Stone Quarry Project at Sy.No. 28/2 of Kolhal Village, Kolhal Taluk, Vijayapura District (1-00 Acre) by Sri Ramesh S Limbikai - Online proposal number - SIA/KA/MIN/229837/2021 (SEIAA 504 MIN 2021)**

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

**Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.**

**272.59 Grey Granite Quarry Project at Sy.Nos.211/2 & 211/3 of Kuknoor Village, Kuknoor Taluk, Koppala District (4.225 Acres) by Sri Shrinath Y Kalal - Online proposal number - SIA/KA/MIN/229857/2021 (SEIAA 507 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Shrinath Y Kalal S/o. Yamanoorappa Kalal, 13 <sup>th</sup> Ward, Sanjay Nagar, Kuknoor Taluk, Koppal District – 583232.
2	Name & Location of the Project	“Grey Granite Quarry” of Sri Shrinath Y Kalal, Sy. Nos. 211/2 & 211/3, Kuknoor Village, Kuknoor Taluk, Koppal District.
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 land
6	Area in Ha	4.225 Acres (1.709 Ha)
7	Annual production (metric ton /Cum) per annum	14,333 Cum - average (recovery 30% and 70% waste)
8	Project Cost (Rs. In Crores)	38.50 Lakhs
9	Proved quantity of mine/quarry-Cu.m/Tons	1,45,973 Cum (recovery 30% and 70% waste)
10	Permitted quantity per annum-Cu.m/Ton	14,333 Cum - average (recovery 30% and 70% waste)
11	Approach road	0.48km is distance from quarry to connecting tar road.
12	Five years plan period	Area –2.267 Acres Depth – 576mRL Length – 177mts Width – 52mts
13	Conceptual stage	Area –3.060 Acres Depth – 564 mRL Length – 249mts Width – 49mts
14	<b>CER Activities</b> ➤ Shall be spent towards construction of two toilets along with overhead water tank with Borewell with power connection & yearly maintenance of the same & Anganwadi kitchen, at Govt. Primary school in Kuknoor village. ➤ Shall be spent towards CER activities like desilting & rejuvenation a Benakalkere, Drinking water etc. ➤ Towards purchase of oxygen cylinders for PH centre at Kuknoor.	
15	EMP Budget	Rs.38.50 lakhs (Capital Cost) & Rs. 8.00 lakhs (Recurring cost)

This project was deferred during 268<sup>th</sup> SEAC meeting for want of C & I Notification and extended cluster sketch and the proponent has submitted the replies along with the C&I Notification and extended cluster sketch.



The proponent has obtained NOCs from Forest, Revenue Dept and land conversion Order. The lease was notified on 10.12.2021.

There is an existing cart track road to a length of 600 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 5 other leases within 500 meter radius from the lease area, out of which the leases were granted for 4 leases prior to 09.09.2013. The area of the 2 leases including the subject lease is 6.825 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 1,45,973 Cum (recovery 30% and 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 14,333 Cum - average (recovery 30% and 70% waste)

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

**272.60 Building Stone Quarry Project at Sy. No. 180 of Arakere Village, Arasikerte Taluk, Hassan District (4-00 Acres) by Sri A B Eshwar - Online proposal number - SIA/KA/MIN/231957/2021 (SEIAA 537 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri A. B. Eshwar S/o. A. S. Basavaraju, No. 234, Shyanubogara Beedhi, Arasikere Taluk, Hassan District.
2	Name & Location of the Project	Building Stone Quarry in 4-00 Acres of Govt. Karab Land bearing Sy. No. 180 of Arakere Village, Arasikere Taluk & Hassan District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Kharab Land
6	Area in Ha	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,06,508 Tons/Annum (Max.)
8	Project Cost (Rs. In Crores)	0.40 (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	10,04,502 Tons
10	Permitted Quantity Per Annum -	2,06,508 Tons /Annum (Max.)




	Cu.m / Ton	
11	<b>CER Action Plan:</b> <ul style="list-style-type: none"> <li>• Propose to provide Roof top Rain water Harvesting System &amp; Groundwater recharging facility to nearby Govt. High School, Arakere Village.</li> <li>• Propose take up 250 Nos. of additional plantation on either side of the approach road from quarry location to Arakere Village road and also at public places (temples, schools etc.).</li> </ul>	
12	EMP Budget	Rs. 22.55 Lakhs (Capital Cost) & 14.19 Lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting, for want of clear Forest NOC. The proponent submitted replies along with Forest NOC.

The Proponent has obtained NOCs from Forest, Revenue Dept. and has applied for land conversion. The lease was notified on 10.08.2021.

There is an existing cart track road to a length of 850 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 11 other leases within 500 meter radius from the lease area, out of which the ECs were issued for 10 leases prior to 15.01.2016. The area of the 2 leases including the subject lease is 4-20 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 10,04,502 Tons as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 2,06,508 Tons /Annum (Max.)

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

**272.61 Building Stone Quarry Project at Kuroda Bore Kaval Village, Hassan Taluk, Hassan District (6-20 Acres) by Sri Janardhan SB. - Online proposal number - SIA/KA/MIN/232025/202 (SEIAA 540 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri S. B. Janardhan</b> S/o. Sri. Basappa, #A-7, PWD Colony, A, Block, Hassan Taluk & District.
2	Name & Location of the Project	Building Stone Quarry in 6-20 Acre of Patta Land bearing Sy. No. 34/2 of Kuroda Bore Kaval Village, Hassan Taluk & Hassan District.
3	Type Of Mineral	Building Stone

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	6-20Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,25,270 Tons/Annum (Max.)
8	Project Cost (Rs. In Crores)	0.55 (Rs. 55 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	19,11,920 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	2,25,270 Tons /Annum (Max.)
11	<b><u>CER Action Plan:</u></b> <ul style="list-style-type: none"> <li>Propose to provide Roof top Rain water Harvesting facility to nearby Govt. Higher Primary School, Kuroda Bore Kaval.</li> <li>Propose take up 400 Nos. of additional plantation on either side of the approach road from quarry location to Kuroda Bore Kaval Village and also at nearby public places (temples, schools etc.).</li> </ul>	
12	EMP Budget	Rs. 18.25 Lakhs (Capital Cost) & 21.13 Lakhs (Recurring cost)

This project was deferred during 269<sup>th</sup> SEAC meeting, for want of clear Forest NOC. The proponent submitted replies along with Forest NOC.

The Proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified on 27.04.2020.

There is an existing cart track road to a length of 570 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 3 leases including this lease within 500 meter radius from the lease area. The area of the 3 leases including the subject lease is 10-30 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits.

Considering the proved mineable reserve of 19,11,920 Tons as per the approved quarry plan, the committee estimated the life of the mine as 10 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 2,25,270 Tons /Annum (Max.)

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

## FRESH ToR PROJECTS

**272.62 Sand Quarry Project at Sy. Nos. 88/1, 88/2(P) & 88/2 of Jalawadgi Village, Maski Taluk, Raichur District (23-19 Acres) by Sri SHIVANAND S DULANGE - Online proposal number - SIA/KA/MIN/69909/2021 (SEIAA 666 MIN 2021)**

This is a new proposal for quarrying of ordinary sand in patta land. The proponent has obtained NOCs from Forest and Revenue Department. The lease was notified on 23.07.2019.

Since the area of the proposed lease is 23-19 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as B1.

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

- 1) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 2) Joint inspection report and land conversion order should be submitted.
- 3) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 4) Collective community development projects under CER should be detailed.
- 5) Reclamation study and Environmental Monitoring plan after the quarrying period should be detailed
- 6) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed

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

**272.63 Pink Granite Quarry Project at Sy. No. 2/1+2/A of Gudur Village, Ilkal Taluk, Bagalkot District (4-30 Acres) by Sri Vijayanand S Kashappanavar - Online proposal number - SIA/KA/MIN/70097/2021 (SEIAA 668 MIN 2021)**

This is a new proposal for quarrying of building stone in patta land. The proponent has obtained NOCs from Forest, Revenue Dept and land conversion Order. The lease was approved by District Task Force on 30.01.2021.

As per the cluster sketch, there are 8 leases within 500 meter radius including the subject lease and the total area of all these leases is 55-00 Acres. Hence the project is categorized as B1.

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

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.

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



**With permission of the Chair**

**272.64 Ordinary Sand Quarry Project at Bagodi Village, Chittapur Taluk, Kalaburagi District (10-30 Acres) (4.35 Ha) by Sri Abdul Rasheed - Online proposal No. SIA/KA/MIN/215209/2021 (SEIAA 256 MIN 2021)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Abdul Rasheed S/o Abdul Raheman 4-8-75, K E B Colony, Sedam Taluk, Kalaburagi District, Karnataka – 585222
2	Name & Location of the Project	“Ordinary Sand Quarry” over an extent 10-30 Acres (4.350 Hectares) in Patta Land at Sy.Nos.20/2,3,5, 21/1,2 & 24/1 of Bagodi Village, Chittapur Taluk, Kalaburagi District, Karnataka.
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 Land
6	Area in Ha	4.350 Ha
7	Annual production (metric ton /Cum) per annum	Annual production will be 20,000 tonnes for the 1 <sup>st</sup> year, 80,000 tonnes per annum for 2 <sup>nd</sup> & 3 <sup>rd</sup> , 4 <sup>th</sup> years 55,000 tonnes and 20,000 tonnes for 5 <sup>th</sup> year of plan period
8	Project Cost (Rs. In Crores)	1.70 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	2,55,699 Tonnes
10	permitted quantity per annum- Cu.m/Ton	Annual production will be 20,000 tonnes for the 1 <sup>st</sup> year, 80,000 tonnes per annum for 2 <sup>nd</sup> & 3 <sup>rd</sup> , 4 <sup>th</sup> years 55,000 tonnes and 20,000 tonnes for 5 <sup>th</sup> year of plan period
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Providing solar power panels to common public places
	2 <sup>nd</sup>	Enhancing ground water through construction of check dams
	3 <sup>rd</sup>	Rain water harvesting pits nearby school
	4 <sup>th</sup>	The proponent proposes to distribute nursery plants at Bagodi Village & Strengthen approach road
	5 <sup>th</sup>	Health camp in nearby community places
12	EMP Budget	Rs. 7.60 lakhs (Capital Cost) & Rs. 19.76 lakhs (Recurring cost)

This project was deferred during 266<sup>th</sup> SEAC meeting.




The proponent submitted details of top soil management, modified quarry plan and Joint inspection report and informed the committee that as per approved modified quarry plan, minable sand depth is 4mtrs.

There is an existing cart track road to a length of 450meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry as per IRC(Indian Road Congress) standard norms & would grow trees all along the approach road.


As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 10-30 Acres and hence the project is categorized as B2. The proponent has collected baseline data for air, water, soil and noise and all parameters are found to be within permissible limits. The proponent informed that all mitigative measures will be taken up to ensure that the parameters are maintained within permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & Enforcement Guidelines 2020.

Considering the proved mineable reserve of 2,55,699 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 5 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 51,139TPA.

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

The meeting concluded with vote of thanks

  
Member Secretary, SEAC  
Karnataka

  
Chairman, SEAC  
Karnataka