

**Proceedings of the 266<sup>th</sup> SEAC Meeting through video conference held on 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup> and 20<sup>th</sup> September 2021**

**Members present**

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 265<sup>th</sup> meeting were read and accepted.

**Subjects Appraised – 15<sup>th</sup> September 2021**

**EIA Projects for EC**

**266.1** Grey Granite Quarry Project at Kallur Village, Yelburga Taluk, Koppal District (3-30 Acres) by Sri Sharanappa B. Bandihal -Online Proposal No.SIA/KA/MIN/216982/2021 (SEIAA 596 MIN 2019).

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Sharanappa Veerabadrappa Bandihal, Datta Colony, Kukanur-813 232 Yelburga Taluk, Koppal District
2	Name & Location of the Project	Kallur Grey Granite Quarry, Q L. Applied in 3-30 Acres (1.518 Ha) Sy.No. 291/1, Patta Land, Kallur Village, Yelburga Taluk, Koppal District

3	Type Of Mineral	Ornamental Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	1.518 Ha
7	Annual Production (Metric Ton / Cum) Per Annum	18,763 Cum/Annum (maximum) (35% recovery and 65% waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crore (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,80,495 Cum(35% recovery and 65% waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	18,763 Cum/Annum (maximum)- (35% recovery and 65% waste)
12	<b>Under CER we have proposed following CER activities:</b>	
	Years	Corporate Environmental Responsibility (CER) (Kallur Government School)
	1 <sup>st</sup>	Supply Drinking water
	2 <sup>nd</sup>	Providing Projector and screen
	3 <sup>rd</sup>	Water supply, Sanitation and plantation
	4 <sup>th</sup>	Water supply, Sanitation and plantation
5 <sup>th</sup>	Providing Computer, construction of toilet and bath room	
13	EMP Budget	Capital Cost -5,00,000.00 and recurring Cost Rs. 8,50,000.00

The proponent submitted EIA Report on 02.07.2021 based on the ToRs issued on 13.01.2020.

The proponent has obtained NOCs from Forest, Revenue Department & obtained land conversion on 13.01.2017. The lease was notified by C&I dept. on 03.02.2018.

There is an existing cartrack road to a length of 640meter connecting lease area to the all weather black topped road.

The public hearing was conducted on 19.03.2021 and the committee observed that the people have not expressed negative opinion about the project. Some apprehension has been raised by the public regarding employment opportunities to local villagers, health facilities, dust pollution etc. The proponent submitted point wise compliance to all the issues raised by the public in the public hearing.

As per the Cluster sketch prepared by the DMG there are 2 leases including this lease within 500 meter radius from this lease area. The total area of all these leases is 14.24 acres and the project is categorized as B1. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative

measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed that the approach road strengthening works (Cement concrete road) will be taken up under CER activities.

Considering the proved mineable reserve of 1,80,495 cum (35% recovery and 65% 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 SEIAA for issue of Environmental Clearance for an annual production of 18,763cum /Annum (maximum) (35% Recovery & 65% Waste).

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

**266.2** Belagal White Quartz Mine Project at Sy.No.30 of Belagal Village, Bellary Taluk, Bellary District (45-11 Acres) (Q.L.No.2647) by Sri P Sarasa Bhai -Online Proposal No.SIA/KA/MIN/218793/2021 (SEIAA 575 MIN 2019) – Expansion.

The proponent submitted EIA Report on 08.07.2021 based on the ToRs issued on 21.12.2019. The Public hearing was conducted on 05.01.2021.

This is an expansion project for which earlier E.C. was issued on 19.12.2007. The Proponent has not submitted certified compliance to the earlier E.C. conditions and Forest NOC.

The committee decided to defer the Appraisal of the project proposal.

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

**266.3** Grey Granite Quarry Project at Mudugal Village, Lingasugur Taluk, Raichur District (4-00 Acres) by Sri Ramanagowda - Online Proposal No. SIA/KA/MIN/65676/2019 (SEIAA 742 MIN 2019)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Ramanagouda, Shirshayad Village, Indi Taluk, Vijayapura District, Karnataka
2	Name & Location of the Project	“Grey Granite Quarry” of Sri Ramanagouda Sy.No.407/4, Mudugal Village, Lingasugur Taluk, Raichur District, Karnataka.
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	1.618 Ha
7	Annual production (metric ton/Cum) per annum	8,573 Cum/Annum-Average (35% Recovery & 65% Waste)
8	Project Cost (Rs. In Crores)	50 Lakhs
9	Proved quantity of mine/quarry- Cu.m/Tons	2,19,417 Cum (35% Recovery & 65% Waste)
10	Permitted quantity per annum- Cu.m/Ton	8,573 Cum/Annum-Average (35% Recovery & 65% Waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Toilet facility and RO water System with storage containers
	2 <sup>nd</sup>	Plantation in school open land and Environmental Awareness Program in School
12	EMP Budget	Rs.8.5 lakhs (Capital Cost) & Rs.6.0 lakhs (Recurring cost)

The proponent submitted EIA Report on 19.07.2021 based on the ToRs issued on 29.02.2020.

The proponent has obtained NOCs from Forest, Revenue Department & obtained land conversion on 25.05.2015. The lease was approved by District Task Force on 30.01.2021 and notified by C&I dept. on 04.01.2020.

There is an existing cart track road to a length of 1.5 Km connecting lease area to the all weather black topped road.

The public hearing was conducted on 05.03.2021 and the committee observed that the people have not expressed negative opinion about the project. Some apprehension has been raised by the public regarding dust pollution due to mining and proponent informed that suppression of dust pollution will be done by sprinkling the water during mining activity. The proponent also submitted point wise compliance to all the other general issues raised by the public during public hearing.

As per the Cluster sketch prepared by the DMG there are 21 leases including this lease within the 500-meter radius from this lease area. The total area of all these leases is 80-30 acres and the project is categorized as BI. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed that the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 2,19,417 Cum (35% Recovery & 65% Waste) as per the approved quarry plan, the committee estimated the life of the mine as 26

years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,573 Cum / Annum - Average (35% Recovery & 65% Waste).

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

**266.4** Expansion of Zion Hills Golf County Project at Vaggaina Dinne Village, Hudukula Village, Siddanahalli Village, Rampara Dinne Village, Pakarahalli Village and Krishnapurudinne Village, Bangarpete Taluk, Kolar District by M/s. Confident Projects India Pvt. Ltd. -**Online Proposal No. SIA/KA/MIS/59491/2020 (SEIAA 03 CON 2021)- Expansion**

This is an expansion proposal of golf course, for which earlier EC was issued on 28/11/2019 for total BUA of 1,22,856Sq.m and 13numbers of golf course holes. Now it is proposed for expansion to a total BUA of 1,64,752.29 Sq.m and 5 numbers of additional golf course holes. The proponent has not submitted certified compliance report from MoEF&CC for earlier EC. Committee decided to defer the appraisal of the project until receipt of certified compliance report.

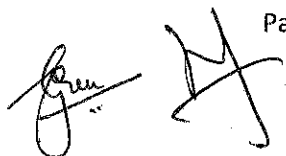
**Action: Member Secretary, SEAC to put up before SEAC after submission of the information sought.**

#### Fresh Projects

**266.5** Residential Apartment Project at Kalkere Village, K.R.Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. G.M. Foxtronic Developers Pvt. Ltd. - **Online Proposal No. SIA/KA/MIS/216448/2021 (SEIAA 76 CON 2021)**

#### **About the Project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Sumeet Manav, AGM - Design M/s. G. M. Foxtronic Developers Private Limited Azeem Pearl, 44/1, Dickenson Road, Bengaluru – 560008
2	Name & Location of the Project	<b>Development of Residential Apartment</b> at Sy. Nos. 84/1, 84/2, 84/3, 85, 104, 105, 224/1, 224/2, 225, 226/1, 226/2, 226/3, 226/4, 227/1, 227/2, 227/6, 227/7, 228/1, 228/2, 229, 234, 235, 236, 248, 249 & 250, Kalkere Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru.
3	Type of Development	Residential Apartment
a.	Residential Apartment / Villas / Row Houses / Vertical	1326 units



	Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
b.	Residential Township/ Area Development Projects	NA
4	New/ <del>Expansion/</del> Modification/ <del>Renewal</del>	New
5	Water Bodies/ Nalas in the vicinity of project site	Kalkere Lake is around 450 m from the project site. Rampura Lake is around 450m from the project site There is a Primary nala on northern side & Secondary nala on eastern & southern side of the project site & to which 50 m & 25 m buffer has been provided.
6	Plot Area (Sqm)	46,943.53 Sqm
7	Built Up area (Sqm)	1,44,240.32 Sqm
8	FAR Permissible Proposed	2.25 2.232
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising of 1326 No. of residential units in 5 wings distributed over 3B+S+28UF.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	As per CCZM of Bangalore, the maximum permissible height is 159m and proposed height of building is 86.35m.
12	Project Cost (Rs. In Crores)	Rs. 232.80 Crores
13	Disposal of Demolition waste and or Excavated earth	There is no demolition work Total Excavated earth quantity – 1,22,513.90 m <sup>3</sup> For Backfilling – 28,826.80 m <sup>3</sup> For Landscaping – 43,383.39 m <sup>3</sup> For Roads, walkways& site formation– 3,716.33 m <sup>3</sup> Excess earth will be used for road formation– 46,587.38 m <sup>3</sup>
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3,602.11 Sqm
b.	Kharab Land	2,630.46 Sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	29,060.25 Sqm
d.	Internal Roads	5,790.16 Sqm

e.	Paved area	-
f.	Others Specify	Area for public road relinquishment – 1,839.13 Sqm, CA Area – 2,125.29 Sqm Surface Parking – 1,896.13 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	46,943.53 Sqm
15	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.
b.	Quantity of water for Construction in KLD	68 KLD
c.	Quantity of water for Domestic Purpose in KLD	21 KLD
d.	Waste water generation in KLD	19 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and lifted to BWSSB treatment plant
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 598 KLD
		Flushing 304 KLD
		Total 902 KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	812 KLD
d.	STP capacity	STP Capacity –815 KLD
e.*	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Excess 292 KLD for construction work/Avenue plantation.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	110 Cum
b.	No's of Ground water recharge pits	35 Nos.
17	Storm water management plan	Storm water collection sump of capacity 110 cum will be provided and excess storm water will be routed to Internal garland drains in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain on southern side of project site.

18	WASTE MANAGEMENT				
	I. Construction Phase				
a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors  Construction debris -144 m <sup>3</sup> This will be reused within the site for road and pavement formation.			
	II. Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1,281 kg/day	This will be segregated at household levels and will be processed in proposed organic waste converter.		
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1,922 kg/day	Recyclable wastes will be handed over to authorized waste recyclers		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:0.9112 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	POWER				
a.	Total Power Requirement - Operational Phase	6,058 kW			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	625 kVA – 3 Nos			
c.	Details of Fuel used for DG Set	392.85 l/hr			
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc.. The overall energy savings is around 25 %			
20	PARKING				
a.	Parking Requirement as per norms	1265 Nos of cars. (provided -1267 Nos of cars)			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
		Kane Road	Kalkereagara main Rd	A	C
		Kalkere Agara main road	HennurBagalur Rd	B	B
		Kalkere Main Rd		B	B



c.	Internal Road width (RoW)	18 m wide road
21	CER Activities Proposed	Development of road and road side drains of Kane Road for the stretch of 1 km
22	EMP Construction phase Operation Phase	During Construction: Capital Investment – 5.10 Lakh Construction – 35.50 Lakh/annum During Operation: Capital investment – 214.0 Lakh Operation Investment – 43.50 Lakh/annum

Proposed project area is located in BDA zoning limits and area is for residential use as per Master plan of BDA. Proposed project location is categorized as Sensitive Zone as per RMP-2015, and the proponent obtained Sensitive Zone Clearance from BDA vide letter dated 02/07/2016. Proponent further informed that land conversion for sy no. 224/2 and 236 is in progress and conversion documents for the same will be submitted before issue of EC.

As per the village map, there are primary and tertiary nala in northern side and a buffer of 50mtrs and 15mtrs respectively are proposed respectively and secondary nala in southern side for which 25mtrs of buffer is proposed in the conceptual plan of the proposed project. It is proposed to plant 580 numbers of trees in the project area. The committee asked the proponent to adhere to the stipulated by-laws of the governing authority for water body and nala buffers, and adhere to the guidelines issued by Sensitive Zone Committee and Zoning Regulations. No construction activity to be taken up on kharab land and its accessibility to the public to be ensured.

Committee noted that the baseline parameters which are within permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits.

The committee decided to recommend the proposal to SEIAA for issue of EC with a condition that land conversion documents for sy no. 224/2 and 236 will be submitted to SEIAA before issue of EC.

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

**266.6** Commercial, MLCP and Residential Building Project at Kodialbail Village, No.89B, Mangalore Taluk, Dakshina Kannada District by Mr. Rohan Monteiro - **Online Proposal No.SIA/KA/MIS/216634/2021 (SEIAA 83 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: M/s. RakshaBuildtech Pvt. Ltd. (GPA Holder Rohan Monteiro) Address: Pompie Court, Kadri- Shivabagh Road Mangaluru Taluk, Dakshina Kannada District Karnataka – 575005

2	Name & Location of the Project	Name: Proposed Construction of Commercial, MLCP and Residential Building - "Rohan City"  Location: T.Sy.No. 1559-3A, 1559-4A, 1559-6, 1560-4 at Kodialbail Village No. - 89A & SY.No. 25-1A1B, 25-2B, 26-27, 26-26 at Kodialbail Village No. - 89B Mangaluru Taluk, Dakshina Kannada District, Karnataka - 575004																							
3	Type of Development	New Residential project Project - Category 8(a) Building and Construction Projects as per EIA Notification 2006																							
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	554 nos. of residential apartments and 339 nos. of shops; multi-level car parking and club house.																							
	b. Residential Township/ Area Development Projects	Not applicable																							
4	New/ Expansion/ Modification/ Renewal	New																							
5	Water Bodies/ Nalas in the vicinity of project site	A storm water drain flows parallel to the project boundary on west. Another small drain passes through the project site (south east) near the exit. These drains will be retained with required buffer margin of 3 m and 1.5 m as per MCC. The storm water flow at present will continue to flow through the same path even after construction.																							
6	Plot Area (Sqm)	Total Plot Area: 14,124.03 Area for Road Widening: 691.07 Net Plot Area: 13,432.96																							
7	Built Up area (Sqm)	1,06,093.24																							
8	FAR • Permissible • Proposed	<table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th rowspan="2">Details</th> <th colspan="2">FAR</th> </tr> <tr> <th>As per ZR</th> <th>As proposed</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Permissible FAR</td> <td>2.50</td> <td>2.50</td> </tr> <tr> <td>2.</td> <td>Premium FAR</td> <td>1.00</td> <td>1.00</td> </tr> <tr> <td>3.</td> <td>TDR</td> <td>1.50</td> <td>1.49</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>5.00</b></td> <td><b>4.99</b></td> </tr> </tbody> </table>		Sr. No.	Details	FAR		As per ZR	As proposed	1.	Permissible FAR	2.50	2.50	2.	Premium FAR	1.00	1.00	3.	TDR	1.50	1.49		<b>Total</b>	<b>5.00</b>	<b>4.99</b>
Sr. No.	Details	FAR																							
		As per ZR	As proposed																						
1.	Permissible FAR	2.50	2.50																						
2.	Premium FAR	1.00	1.00																						
3.	TDR	1.50	1.49																						
	<b>Total</b>	<b>5.00</b>	<b>4.99</b>																						



9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	A single tower of Ground + Upper 26 floors + Terrace Floor i.e. commercial shops and offices (Ground Floor, 1st Floor and 2nd Floor), multi-level car parking (3rd, 4th and 5th Floor), club house (6th Floor), and residential flats (7th to 26th Floor) with 1,06,093.24 sq.m built up area. Refuge area is provided on the 18th floor.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	As per CCZM for Mangalore Airport, the permissible height of building is 150m and proposed building is 86m
12	Project Cost (Rs. In Crores)	Rs. 152 Cr.
13	Disposal of Demolition waste and or Excavated earth	Excavation for the construction and footing will generate earth to be disposed outside the premises.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7,870.61 sq.m (58.59 %)
b.	Kharab Land	Nil
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,415.00 sq.m (10.53 %)
d.	Internal Roads	4,147.35 sq.m (30.87 %)
e.	Paved area	
f.	Others Specify	Total Plot Area - 14,124.00 sq.m Area left for road widening - 691.07 sq.m Net Extent for Development - 13,432.96 sq.m (100%)
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not applicable
h.	Total	13,432.96 sq.m (100%)
15	WATER	
I.	Construction Phase	
a.	Source of water	1 existing open well and 4 existing bore wells in case of scarcity
b.	Quantity of water for Construction in KLD	Approx. 80 of fresh water for construction and dust suppression
c.	Quantity of water for Domestic Purpose in KLD	Approx. 20KLD of fresh water
d.	Waste water generation in KLD	Approx. 16KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generating from the temporary toilets at the project site will be connected to UGD of Mangalore City Corporation after treatment.

II.		Operational Phase	
a.	Total Requirement of Water in KLD	Fresh	283
		Recycled	267
		Total	550
b.	Source of water	Piped water supply from Mangalore City Municipal Corporation	
c.	Waste water generation in KLD	429KLD	
d.	STP capacity	450KLD	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	25.45 kld of Excess treated water to UGD	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	310 cu.m	
	No's of Ground water recharge pits	22 nos.	
17	Storm water management plan	<p>To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. The natural catchments of the existing drains will not be disturbed in the project. Dumping in the area will be done from one end with provision of containment of the dump track with sand filled gunny sacks to contain any wash away during rain. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement.</p> <p>All potential contaminants such as lime, paints, shuttering lining tars, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.</p>	
18	WASTE MANAGEMENT		
I.		Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	50 kg/day Solid waste will be segregated and sent to landfill.	
II.		Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	987 kg/day After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) and will be used as manure at the Project site.	

	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	789 kg/day Recyclable shall be sold to the vendors. Non-degradable waste shall be sent to the nearest sanitary Landfill site.						
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.						
	d.	Quantity of E waste generation and mode of Disposal as per norms	500 to 1000 kg/year (Max). E waste will be stored at a designated place and sold to registered recyclers.						
19	<b>POWER</b>								
	a.	Total Power Requirement - Operational Phase	Approx. 2,285 kW will be required during operation phase to be sourced from MESCOM.						
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 DG sets of 750 kVA each will be provided for power back up.						
	c.	Details of Fuel used for DG Set	Diesel						
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> <li>▪ Sound design of buildings for maximum natural ventilation and illumination</li> <li>▪ Design of building shell to reflect most of the solar insulation helping in reduction in AC load</li> <li>▪ Use of LED illuminators and solar lights as far as practicable.</li> <li>▪ External lighting: Solar and LED light fixtures are proposed.</li> </ul> 7% of Power will be saved by use of solar energy.						
20	<b>PARKING</b>								
	a.	Parking Requirement as per norms	Required - 822 nos. of car parks Provided - 829 nos. of car parks						
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	E and D						
	c.	Internal Road width (RoW)	6.0 m						
21	CER Activities Proposed		For construction of an interpretation Centre with an Eco museum focussed on the identity of Dakshina Kannada based on its local architecture, heritage and multilingual culture. This will be constructed in coordination with Mangalore City Corporation.						
	EMP		<b>Construction Phase</b>						
	<ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No</th> <th style="width: 60%;">EMP Aspect</th> <th style="width: 30%;">Approx. Cost in Rs. Lakhs</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sr. No	EMP Aspect	Approx. Cost in Rs. Lakhs			
Sr. No	EMP Aspect	Approx. Cost in Rs. Lakhs							

22	<b>Expenditure</b>			
	1	Barricades/dust barriers all-round the site	14.0	
	2	Sprinkling of water	11.0	
	3	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	32.0	
	4	Environmental Monitoring - Air, Water, Noise, Soil and Traffic	6.0	
	<b>Total</b>		<b>63.0</b>	
	<b>Operation Phase</b>			
	<b>Sr. No</b>	<b>EMP Measures</b>	<b>Capital Cost (in Rs. Lakhs)</b>	<b>Operation Cost (in Rs. Lakhs/annum)</b>
	1	STP and Grey Water Recycling	90.0	20.0
	2	Greenbelt and other landscape development	35.0	15.0
3	Storm water drain and Rainwater Harvesting System	150.0	10.0	
4	Environmental Monitoring	-	6.00	
5	EHS Management Cell	-	30.0	
6	Solid Waste Management	24.0	12.0	
7	Energy conservation	105.0	26.0	
8	CER	100.0	-	
<b>Total</b>		<b>504.0</b>	<b>119.0</b>	

Proposed area is in Mangalore Urban Development Authority limits, and earmarked for mixed use. The proponent to leave stipulated setbacks and adhere to the guidelines issued by Mangalore Development Authority. The proponent also informed that presently there are no standard guidelines regarding buffer for natural drains, justified by submitting the said approved plan by Mangalore Development Authority.

Committee noted that baseline parameters which are within permissible limits. Proponent committed to take all measures during and after construction to maintain the environmental parameters within permissible limits. Proponent assured to leave adequate buffer to water bodies/nalas as per by-laws and also proposed to plant 170 numbers of trees in the project area. Proponent to adhere to the stipulated by-laws of the governing authority for water body and nala buffers and to ensure to treat waste water during construction and operation phase before letting it in to underground drainage system.

Committee asked the proponent to enhance the capacity of STP to 450KLD to ensure treating of entire quantity of water requirements for the proposed project. OWC to be relocated to ground floor. Proponent to provide additional exit facility for the commercial development area, provision for CNG connection and also to comply with ECBC guidelines.

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 action.**

**266.7** Commercial Building Project at Kadri Village, Mangaluru Taluk, Dakshina Kannada District by M/s. Karnataka Bank Ltd. -**Online Proposal No. SIA/KA/MIS/217726/2021 (SEIAA 80 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Karnataka Bank Ltd. Mahaveera Circle, Kankanady, Mangaluru – 575002
2	Name & Location of the Project	Name: Construction of additional Commercial Building (Centenary Building) with other amenities in existing Karnataka Bank Head Office Campus Location: Sy. No. 110-3/P, 110/2A, 110/13A1 of Kadri Village, Mangaluru Taluk & Dakshina Kannada District - Karnataka
3	Type of Development	New EC Project - Category 8(a) Building and Construction Projects as per EIA Notification 2006
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Office – Addition of Commercial building with Existing Head office building
b.	Residential Township/ Area Development Projects	Not applicable

4	New/ Expansion/ Modification/ Renewal	New EC Project - Category 8(a) Building and Construction Projects as per EIA Notification 2006		
5	Water Bodies/ Nalas in the vicinity of project site	Small nala of approx. 2 m is passing in south direction from Site		
6	Plot Area (Sqm)	16,203.05		
7	Built Up area (Sqm)	28,395.02		
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	<ul style="list-style-type: none"> <li>• Permissible: 4.00</li> <li>• Proposed: 1.19</li> </ul>		
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Name of Building	No. of Building	Scope of Building
		Head office Building (Existing)	1	B + G + Mezzanine Floor + 4 UF + Terrace
		Centenary Building (Proposed)	1	B + G + 5Upper Floors + Terrace
		Canteen Block (Proposed)	1	G + 1 Floor
		Total	3	
10	Number of units/plots in case of Construction / Residential Township / Area Development Projects	Not applicable		
11	Height Clearance	As per the CCZM for Mangalore Airport, the permissible height of building is 150 m and the proposed building is 26.95 m		
12	Project Cost (Rs. In Crores)	44		
13	Disposal of Demolition waster and or Excavated earth	<ul style="list-style-type: none"> <li>• 2072 Cu.m of existing Canteen Block will be demolished. The debris shall be used as sub-base for the internal roads to be developed</li> <li>• Excavated earth will be approx. 13,900 cum out of which 865 cum of top soil shall be used of landscaping and rest 13,035 cum will be backfilled at the site.</li> </ul>		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	5,130.65 Sq.m (31.66%)		
b.	Kharab Land	Nil		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,240.00 Sq.m (20.00%)		
d.	Internal Roads	6,747.75 Sq.m (41.64%)		



e.	Paved area	
f.	Others Specify	Surface Parking: 811.01 Sq.m (5.01%) Road Widening: 273.64 Sq.m (1.69%)
g.	Parks and Open space in case of Residential Township / Area Development Projects	Not applicable
h.	Total	16,203.05 Sq.m
15	<b>WATER</b>	
I.	<b>Construction Phase</b>	
a.	Source of water	Existing Open well at site
b.	Quantity of water for Construction in KLD	61
c.	Quantity of water for Domestic Purpose in KLD	9
d.	Waste water generation in KLD	7.2
e.	Treatment facility proposed and scheme of disposal of treated water	UGD line of MCC available at site
II.	<b>Operational Phase</b>	
a.	Total Requirement of Water in KLD	Fresh 41
		Recycled 66
		Total 107
b.	Source of water	Piped water supply from Mangalore City Municipal Corporation
c.	Waste water generation in KLD	68
d.	STP capacity	90 kld
e.	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Nil as Zero Liquid Discharge
16	<b>Infrastructure for Rain water harvesting</b>	
a.	Capacity of sump tank to store Roof run off	214 Cu.m
b.	No's of Ground water recharge pits	29
17	Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. The natural catchments of the existing drains will not be disturbed in the project. Dumping in the area will be done from one end with provision of containment of the dump track with sand filled gunny sacks to contain any wash away during rain. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement.

		All potential contaminants such as lime, paints, shuttering lining tars, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.
18	<b>WASTE MANAGEMENT</b>	
	<b>I. Construction Phase</b>	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 Kg/day  Mode of Disposal <ul style="list-style-type: none"> <li>▪ Domestic Waste – Biodegradable waste will be composted and sent to MSW site.</li> <li>▪ Construction and Demolition waste - will be segregated and reused on site or sent for recycling, Proper facility for storage of construction wastes will be made at Project site.</li> <li>▪ Plastic waste – To be disposed along with existing non-biodegradable wastes.</li> </ul>
	<b>II. Operational Phase</b>	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	117 Kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) and will be used as manure at the Project site.
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	93 Kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable will be sent to Common Solid Waste Management Facility.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	500-1000kg/yr. E waste will be stored at a designated place and sold to registered recyclers.
19	<b>POWER</b>	
a.	Total Power Requirement - Operational Phase	Additional: 1,500 kVA from MESCOM
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Additional 2 DGs of 1250 kVA. After Expansion: Total 6 DG sets with Total capacity 7,660 kVA
c.	Details of Fuel used for DG Set	HSD - 655 l/hr (After expansion)
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> <li>▪ Sound design of buildings for maximum natural ventilation and illumination</li> <li>▪ Design of building shell to reflect most of the solar insulation helping in reduction in AC load</li> <li>▪ Use of better specification illuminators, activity specific luminaries, LED illuminators and solar lights as far as practicable.</li> </ul>

		<ul style="list-style-type: none"> <li>▪ External lighting: Solar and LED light fixtures are proposed.</li> <li>▪ 30% of Power will be saved by use of solar energy.</li> </ul>																																						
20	<b>PARKING</b>																																							
	a. Parking Requirement as per norms	Required – 280 Provided – 305																																						
	b. Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C and D																																						
	c. Internal Road width (RoW)	6 m to 9 m																																						
21	CER Activities Proposed	Rs. One Crore for construction of an interpretation Centre with an Eco museum focussed on the identity of Dakshina Kannada based on its local architecture, heritage and multilingual culture. This will be constructed in coordination with Mangalore City Corporation.																																						
22	<p>EMP</p> <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	<p><b>Construction Phase</b></p> <table border="1"> <thead> <tr> <th>Sr. no.</th> <th>EMP Aspect</th> <th>Approx. Cost (in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Barricades/dust barriers all-round the site</td> <td>6.0</td> </tr> <tr> <td>2.</td> <td>Sprinkling of water (non-rainy season)</td> <td>4.0</td> </tr> <tr> <td>3.</td> <td>Labor Management - first aid center, safety measures, sanitation, amenities (through Construction Contractors)</td> <td>12.0</td> </tr> <tr> <td>4.</td> <td>Environmental Monitoring - Air, Water, Noise</td> <td>6.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>28.0</td> </tr> </tbody> </table> <p><b>Operation Phase</b></p> <table border="1"> <thead> <tr> <th>Sr. no.</th> <th>EMP Aspect</th> <th>Approx. Budgeted Capital cost (in Lakh)</th> <th>Approx. Budgeted Operating Cost (in Lakh)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>ETP, STP and Grey Water Recycling</td> <td>35.0</td> <td>12.0</td> </tr> <tr> <td>2.</td> <td>Greenbelt and other landscape development</td> <td>10.0</td> <td>6.0</td> </tr> <tr> <td>3.</td> <td>Storm water drain and Rainwater Harvesting System</td> <td>65.0</td> <td>3.0</td> </tr> <tr> <td>4.</td> <td>Environmental</td> <td>-</td> <td>4.00</td> </tr> </tbody> </table>	Sr. no.	EMP Aspect	Approx. Cost (in Lakhs)	1.	Barricades/dust barriers all-round the site	6.0	2.	Sprinkling of water (non-rainy season)	4.0	3.	Labor Management - first aid center, safety measures, sanitation, amenities (through Construction Contractors)	12.0	4.	Environmental Monitoring - Air, Water, Noise	6.0	Total		28.0	Sr. no.	EMP Aspect	Approx. Budgeted Capital cost (in Lakh)	Approx. Budgeted Operating Cost (in Lakh)	1.	ETP, STP and Grey Water Recycling	35.0	12.0	2.	Greenbelt and other landscape development	10.0	6.0	3.	Storm water drain and Rainwater Harvesting System	65.0	3.0	4.	Environmental	-	4.00
Sr. no.	EMP Aspect	Approx. Cost (in Lakhs)																																						
1.	Barricades/dust barriers all-round the site	6.0																																						
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1.	ETP, STP and Grey Water Recycling	35.0	12.0																																					
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3.	Storm water drain and Rainwater Harvesting System	65.0	3.0																																					
4.	Environmental	-	4.00																																					

		Monitoring		
	5.	EHS Management Cell	-	30.0
	6.	Solid Waste Management	10.0	6.0
	7.	Energy conservation	55.0	15.0
		Total	175.0	76.0

Proposed area is in Mangalore City Corporation limits, and proposed area is for commercial purpose. Proponent informed that presently there are no standard guidelines to provide buffer for natural drains and agreed to the guidelines, to be issued if any by Mangalore Urban Development Authority to provide buffers for natural drains and water bodies.

The baseline parameters are within the permissible limits and proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits. Proponent will plant 205 numbers of trees in the project area.

Proponent agreed to revise tree species list suitable to local area, debris management during demolition and commitment for CNG connection. The proponent submitted revised tree species list with a total of 205 numbers and submitted the demolition waste management plan and also submitted undertaking to make provision for Piped Natural Gas connection for the proposed project. Committee opined to take up environmental related activities in and around the project site to offset the impact due to the project.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.8** Development of Residential Apartment Project at Sy.Nos.60 & 61/3 of Anathapura Village, Bengaluru North Taluk, Bengaluru Urban District by M/s. Green Leaf Projects -**Online Proposal No. SIA/KA/MIS/217952/2021 (SEIAA 81 CON 2021)**

The proponent remained absent for the meeting with prior intimation, the committee decided to defer the appraisal of the project.

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

**266.9** Residential Apartment Project at Kacharakannahalli Village, Jadigenahalli Hobli, Hosakote Taluk, Bangalore Rural District by Mr. Srinandan Singhal -**Online Proposal No.SIA/KA/MIS/218591/2021 (SEIAA 82 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. SrinandanSinghal S/o Late Ram TilakSinghal, #94K, 8 <sup>th</sup> Cross Road, R.M.V Extension, Bangalore – 560080

2	Name & Location of the Project	Proposed Residential Apartment by Mr. Srinandan Singhal at Sy.No.34/1, Kacharakanahalli Village, Hosakote Taluk, Bangalore Rural District.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Apartment Category 8(a) Building and Construction Projects as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Kacharakanahalli lake -0.52 kms (N)
6	Plot Area (Sqm)	12,140.46sq.m
7	Built Up area (Sqm)	44,056.65sq.m.
8	FAR • Permissible • Proposed	Net FAR = 28,821.84 Sq.m Achieved FAR: 2.499 Permissible FAR : 2.50
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment Project comprising of 3 Blocks (Block A, B& C), each blocks having common Basement Floor + 1 Ground Floor + 8 Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	368 Units
11	Height Clearance	CCZM of Bangalore permissible top elevation is 1010m AMSL and the proposed project is having a top elevation of 915.95 m AMSL.
12	Project Cost (Rs. In Crores)	Rs. 88.0 Cr.
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth (in cubic meter) – 33,512.26 For back filling for footings= 16,756.13 For Site filling = 7,938.15 For back filling for Retaining wall= 4,961.69 For Landscape= 2,463.67 For Internal Road making = 1,392.62
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	5,427.00 sq.m (47.06 %)
	b. Kharab Land	--
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,321.04 sq.m (28.80%)
	d. Internal Roads	2,785.23 Sq.m (34.15%)

	e.	Paved area	--						
	f.	Others Specify	--						
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA						
	h.	Total	11,533.27sq.m.						
15	WATER								
	I.	Construction Phase							
	a.	Source of water	From Nearby treated water suppliers						
	b.	Quantity of water for Construction in KLD	50 KLD						
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD						
	d.	Waste water generation in KLD	8 KLD						
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP						
	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>74.33</td> </tr> <tr> <td>Recycled</td> <td>82.8+99.55</td> </tr> <tr> <td>Total</td> <td>256.68</td> </tr> </table>	Fresh	74.33	Recycled	82.8+99.55	Total	256.68
Fresh	74.33								
Recycled	82.8+99.55								
Total	256.68								
	b.	Source of water	Hosakote planning Authority						
	c.	Waste water generation in KLD	243.85 KLD						
	d.	STP capacity	290 KLD						
	e.	Technology employed for Treatment	SBR Technology						
	f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	293 cu.m.						
	b.	No's of Ground water recharge pits	10 Nos.						
17	Storm water management plan		The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water						
18	WASTE MANAGEMENT								
	I.	Construction Phase							
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.						
	II.	Operational Phase							
	a.	Quantity of Biodegradable waste generation and mode of Disposal	441.60 kg/day. Biodegradable waste will be converted in organic convertor.						

		as per norms	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	294.40 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	<b>POWER</b>		
	a.	Total Power Requirement - Operational Phase	1700 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X1000 kVA +1 X700 kVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 75,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 125kWh x 30 x 8 Months = 30,000kWh</li> <li>• In monsoon season 75kWh x 30 x 4 Months = 9,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.39 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.75+ 0.39 L kWh = 1.14 L / Annum .....(c)</li> <li>• Total energy savings = 22.96%</li> </ul>
20	<b>PARKING</b>		
	a.	Parking Requirement as per norms	Parking Provided is 405Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Devalapura to Koralur main road -LOS - A
	c.	Internal Road width (RoW)	6.00 m
21	<b>CER Activities Proposed</b>		
	CER Action Plan: Under CER we have proposed 5 years for the CER activities (Greenfield project – 2% of project cost - <100 crores):		
	Year	Corporate Environmental Responsibility (CER)	
	1 <sup>st</sup>	Rain Water Harvesting in Schools and colleges	
	2 <sup>nd</sup>	Avenue planation and planation in community places	
	3 <sup>rd</sup>	Solar Panels Provision in nearby community places	
	4 <sup>th</sup>	Drinking Water and Sanitation facility supply in nearby community places	
	5 <sup>th</sup>	Health camp in nearby community places	

22	EMP (Construction & Operation)	
	<b>Operation Phase</b>	<b>Construction Phase</b>
	Recurring Cost Per Annum = 59.7 lakhs Capital Cost = 275.0 lakhs	Recurring Cost Per Annum = 15.77 lakhs Capital Cost = 41.98 lakhs

Proposed area falls under Hoskote planning authority. As per CDP, as proposed area is earmarked for industrial use and Proponent submitted order regarding change of land use from industrial purpose to residential issued by DC Bangalore Rural District, dated 16/07/2021.

The baseline parameters are within the permissible limits. Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits. Proponent will plant 150 numbers of trees in the project area. Proponent to adhere to the stipulated by-laws of the governing authority in providing buffer for water bodies and nalas.

Committee noted the permissible elevation as per CCZM of Bangalore is 1010m-AMSL and the proposed project will have elevation of 915.95 m-AMSL.

Proponent to comply with directions issued by local authorities for demolition and debris of existing building.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.10** Development of Residential Apartment Project at Kalkere Village, K.R.Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. G.M. Infinite Dwelling (I) Pvt. Ltd -**Online Proposal No. SIA/KA/MIS/219573/2021 (SEIAA 85 CON 2021)**

**About the Project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. M. J. Stephen, Director, M/s. GM Infinite Dwelling (India) Private Limited. No.6, GM Pearl, 1 <sup>st</sup> Stage, 1 <sup>st</sup> Phase, B.T.M. Layout, Bengaluru -560 068.
2	Name & Location of the Project	<b>Proposed Residential Development Project at Sy. Nos. 224/1, 224/2, 227/1, 227/2, 227/3, 227/4, 227/5, 227/6, 228/1, 228/2, 229, 230, 231, 232, 233, 234, 235, 248, 249, 250 &amp; 251, Kalkere Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru.</b>
3	Type of Development	Residential Apartment and Row houses
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	978 No. of residential units and 88 No. of row houses Category 8(a) Building and Construction Projects as per EIA Notification 2006
	b. Residential Township/ Area	NA



		Development Projects	
4	New/Expansion/Modification/Renewal		New
5	Water Bodies/ Nalas in the vicinity of project site		Maragondanahalli/Rampura lake is around 413 m away from the project site boundary. Kalkere lake is around 500 m away from the project site boundary. There is a Secondary nala running on southern & eastern side of the site & to which 25 m buffer has been provided.
6	Plot Area (Sqm)		54,961.30 Sq.mt
7	Built Up area (Sqm)		1,45,175.91 Sq.mt
8	FAR • Permissible • Proposed		2.25 1.758
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		Proposed project comprising of 978 No. of residential units in 3B+S+20UF (5 wings),88 No. of Row houses in G+2UF and clubhouse with total built up area of 1,45,175.91 Sq.mt
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects		NA
11	Height Clearance		NOC obtained from AAI dated 11/03/2021.
12	Project Cost (Rs. In Crores)		Rs. 234.4 Crores
13	Disposal of Demolition waste and or Excavated earth		There is no demolition work Total Excavated earth quantity – 1,34,863.65 m <sup>3</sup> For Backfilling – 44,079.75 m <sup>3</sup> For Landscaping – 33,388.20 m <sup>3</sup> For internal driveway hardscaping & site formation– 14,894.19 m <sup>3</sup> Excess earth used for public road formation (approach road to the project) –42,501.51 m <sup>3</sup>
14	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	16,829.75 Sq.mt
	b.	Kharab Land	404.69 Sq.mt
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	17,627.9 Sq.mt
	d.	Internal Roads	15,270.76 Sq.mt
	e.	Paved area	--
	f.	Others Specify	Surface Parking area- 2,097.99 Sq.mt & CA Area –2,730.21Sq.mt

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	54,961.30 Sq.mt	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	The domestic water requirement will be sourced through external water suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	40 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	30 KLD	
	d.	Waste water generation in KLD	27 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and lifted to BWSSB treatment plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	500 KLD
			Recycled	254 KLD
			Total	754 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	678 KLD	
	d.	STP capacity	STP Capacity -765 KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 274 KLD will be used for avenue plantation/construction works.	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	340 cum (170 cum - 2 Nos.)	
	b.	No's of Ground water recharge pits	22 Nos.	
17	Storm water management plan		Storm water runoff will be harvested in 250 cum rain water recharge tank along with that, Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain on southern side of project site.	
18	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be	

	Disposal as per norms	handed over to local vendors Construction debris - 1452 m <sup>3</sup> This will be reused within the site for road and pavement formation.			
II.	Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1069 kg/day	This will be segregated at household levels and will be processed in proposed organic waste converter.		
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1605 kg/day	Recyclable wastes will be handed over to authorized waste recyclers		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation :1.27 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	POWER				
a.	Total Power Requirement - Operational Phase	6,165 kW			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 4 Nos. 625 kVA – 01 No.			
c.	Details of Fuel used for DG Set	550 l/hr			
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 29 %			
20	PARKING				
a.	Parking Requirement as per norms	1021 Nos. of cars. (provided - 1284 Nos. of cars)			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
		Kane Road	Kalkereagara main Rd	A	B
		KalkereAgara main road	HennurBagalur Rd	B	B
Kalkere Main Rd	B		B		
c.	Internal Road width (RoW)	18 m wide road			
21	CER Activities Proposed	Kalkere Lake Development			
22	EMP	During Construction:			

<ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Capital Investment – 11.0 Lakh Construction – 24.5 Lakh/annum During Operation: Capital investment – 244.3 Lakh Operation Investment – 16.6 Lakh/annum
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Proposed project area is located in BDA limits and as per RMP area is earmarked for residential use as per Master plan of BDA. The project location is categorized as Sensitive Zone and proponent had obtained Sensitive Zone Clearance from BDA vide letter dated 02/07/2016 for the proposed construction.

In the village map there are secondary nalas in southern and eastern side and 25mtrs of buffer is proposed by proponent for each in the conceptual plan of the project. Proponent to adhere to the stipulated by-laws of the governing authority of providing buffer to water body and nala. Proponent to comply with guidelines issued by Sensitive Zone Committee and Zoning Regulations. In the Kharab area no construction activity/utilities to be considered and should have accessibility to the public.

The baseline parameters are within permissible limits and proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and agreed to plant 690numbers of trees in the project area.

The Committee asked clarification for no development zone in survey numbers 227/3 and 227/6 and permission for constructing culvert/bridge on nala, for which the Proponent clarified in that there will be no developmental activity proposed in sy no. 227/3 and 227/6 and necessary permissions will be taken before constructing culvert/bridge on the nala. Committee noted Height clearance certificate issued by AAI dated:11/03/2021 for the proposed project.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.11** Development of Residential Apartment Project at Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. S2 HOMES -Online Proposal No. SIA/KA/MIS/218770/2021 (SEIAA 84 CON 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Chethan Kumar, Partner, M/s. S2 Homes, No.58/1, Second Floor, L.V. Complex, 80 Feet Road, 8 <sup>th</sup> Block, Koramangala, Bengaluru – 560095.
2	Name & Location of the Project	Development of Residential Apartment at Sy. No.397/2, Sarjapura Village, SarjapuraHobli, Anekal Taluk, Bengaluru.
3	Type of Development	

	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office /IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment, 196 units Category 8(a) Building and Construction Projects as per 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	Billapura lake is at a distance of 630 m from the project site boundary. Buragunte lake is at a distance of 430 m from the project site boundary.
6		Plot Area (Sqm)	6,879.56 Sqm
7		Built Up area (Sqm)	23,570.02 Sqm
8		FAR • Permissible • Proposed	2.75 2.75
9		Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising of 196 No. of residential units sprawled across S+G+13UF.
10		Number of units/plots in case of Construction / Residential Township / Area Development Projects	NA
11		Project Cost (Rs. In Crores)	Rs. 38.06 Crores
12		Height Clearance	As per CCZM map, the permissible height is 149.26 m AMSL and the maximum height of proposed building is 40 m.
13		Disposal of Demolition waster and or Excavated earth	There is no demolition work Total Excavated earth quantity – 4,400 m <sup>3</sup> For Backfilling – 1,144 m <sup>3</sup> For Landscaping – 1,413 m <sup>3</sup> For Roads and walkways – 1,162 m <sup>3</sup> & site formation– 681m <sup>3</sup>
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	2,200.25 Sqm
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,354.86 Sqm
	d.	Internal Roads	2,324.45 Sqm
	e.	Paved area	-
	f.	Others Specify	
	g.	Parks and Open space in case of	-

		Residential Township/ Area Development Projects							
	h.	Total	6,879.56 Sqm						
15	WATER								
	I.	Construction Phase							
	a.	Source of water	Domestic water requirement for the labourers will be sourced from External Tanker water suppliers & for construction activities sourced from STP tertiary treated water						
	b.	Quantity of water for Construction in KLD	11 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 will be collected in collection tank & from there it will be lifted to BWSSB treatment plant through external agencies for further treatment.						
	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>106 KLD</td> </tr> <tr> <td>Flushing</td> <td>53 KLD</td> </tr> <tr> <td>Total</td> <td>159 KLD</td> </tr> </table>	Fresh	106 KLD	Flushing	53 KLD	Total	159 KLD
Fresh	106 KLD								
Flushing	53 KLD								
Total	159 KLD								
	b.	Source of water	<i>Sarjapura Gram Panchayath</i>						
	c.	Wastewater generation in KLD	143 KLD						
	d.	STP capacity	STP Capacity -160 KLD						
	e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology						
	f.	Scheme of disposal of excess treated water if any	Excess 68 KLD for construction work/Avenue plantation.						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	50 Cum						
	b.	No's of Ground water recharge pits	8 Nos.						
17	Storm water management plan		Storm water collection sump of capacity 20 cum will be provided and excess storm water will be routed to Internal garland drains in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain.						
18	WASTE MANAGEMENT								
	I.	Construction Phase							
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -24 m <sup>3</sup>						

			This will be reused within the site for road and pavement formation.			
	II.	Operational Phase				
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	235 kg/day	This will be segregated at household levels and will be processed in proposed organic waste converter.		
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	353 kg/day	Recyclable wastes will be handed over to authorized waste recyclers		
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:0.243 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	POWER					
	a.	Total Power Requirement - Operational Phase	1180 kW			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 1 Nos			
	c.	Details of Fuel used for DG Set	104.76 l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 25 %			
20	PARKING					
	a.	Parking Requirement as per norms	216 Nos of cars. (provided -216 Nos of cars)			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	<i>Existing</i>	<i>Projected</i>	<i>Changed</i>
			Sarjapur – Attibele main Road	<i>C</i>	<i>C</i>	<i>B</i>
	c.	Internal Road width (RoW)	28 m wide road			
21	CER Activities Proposed		Renovation work & providing Furniture to Government Model Boys Higher primary school in Sarjapura -Rs. 3.0 Lakhs			
22	EMP	<ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	During Construction: Capital Investment – 2.5 Lakh Construction – 12.3 Lakh/annum During Operation: Capital investment – 85 Lakh Operation Investment – 18.5 Lakh/annum			

Proposed area is in Anekal planning authority limits and it is earmarked for industrial use. Proponent informed about change of land use from Industrial to residential.

Committee noted about baseline parameters which are within the permissible limits committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits. Proponent to leave adequate buffer to water bodies/nalas as per norms. It is proposed to plant 85 numbers of trees in the project area. Proponent to adhere to the stipulated by-laws of the governing authority of providing buffers for water bodies and nala.

As per CCZM of Bangalore, Committee noted the permissible height is 149.26mtrs and the proposed project will have maximum height of 40mtrs.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.12 Residential Apartment Project at Ram Mandira Road, Sampangi Ramanagara, Bangalore Taluk, Bangalore Urban District by M/s. NESTLED HAVEN DEVELOPERS LLP - Online Proposal No.SIA/KA/MIS/220285/2021 (SEIAA 87 CON 2021) - Modification**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. RishadGevKhergamwala, Designated Partner, M/s. Nestled Haven Developers LLP, 3 <sup>rd</sup> Floor, 43/39, 2 <sup>nd</sup> Cross PromenadeRd, RT Nagar, Sindhi Colony, Pulikeshi Nagar, Bangalore -560005
2	Name & Location of the Project	Proposed Residential Apartment by M/s. Nestled Haven Developers LLP, at Muncipal No. 18 and PID No.77-35-18 at Ram Mandira road, Sampangiramanagara, BBMP Ward No. 110, Bangalore urban District
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Expansion of Residential Apartment Category 8(a) Building and Construction Projects as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Expansion of EC



5	Water Bodies/ Nalas in the vicinity of project site	Sampangee lake -0.60 kms (NW)
6	Plot Area (Sqm)	9,076.0sq.m
7	Built Up area (Sqm)	53,827.0sq.m.
8	FAR • Permissible • Proposed	2.25 2.24
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment project comprising of Lower Basement floor + Upper Basement floor + 1 Ground Floor + 26 Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	72 Units
11	Project Cost (Rs. In Crores)	Rs. 106.0 Cr.
12	Height Clearance	NOC obtained from HAL dated:10/07/2021
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth (in cubic meter) - 42,451.43 For back filling for footings= 21,225.72 For Site filling = 9985.30 For back filling for Retaining wall= 7073.18 For Landscape= 1,824.28 For Internal Road making = 2,342.96
14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 1,395sq.m (15.37 %)
	b.	Kharab Land ---
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 2,995.08 sq.m (33.00%)
	d.	Internal Roads 4,685.92 Sq.m (51.63%)
	e.	Paved area --
	f.	Others Specify --
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total 9,076.0sq.m.
15	WATER	
	I.	Construction Phase
	a.	Source of water From Nearby treated water suppliers
	b.	Quantity of water for Construction in KLD 50 KLD
	c.	Quantity of water for Domestic Purpose in KLD 10 KLD
	d.	Waste water generation in KLD 8 KLD
	e.	Treatment facility proposed and The sewage generated during the construction

		scheme of disposal of treated water	phase will be treated in the Mobile STP
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 49
			Recycled 25
			Total 74
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	70.3 KLD
	d.	STP capacity	70 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	75 cu.m.
	b.	No's of Ground water recharge pits	9 Nos.
17	Storm water management plan		The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	128.64 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	85.76 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	POWER		
	a.	Total Power Requirement - Operational Phase	1000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X1000 kVA
	c.	Details of Fuel used for DG Set	HSD

			<ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 50,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation : <ul style="list-style-type: none"> <li>• In non-monsoon season 100kWH x 30 x 8 Months = 24,000kWH</li> <li>• In monsoon season 50kWH x 30 x 4 Months = 6,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.30 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.5+ 0.3 L KWH = 0.8 L / Annum .....(c)</li> <li>• Total energy savings = 27.39%</li> </ul> </li> </ul>
20	PARKING		
	a.	Parking Requirement as per norms	258 Ecs
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS – B
	c.	Internal Road width (RoW)	8.00m
21	<b>CER Activities Proposed</b> <b>CER Action Plan: Under CER we have proposed 5 years for the CER activities</b>		
	Year	Corporate Environmental Responsibility (CER)	
	1 <sup>st</sup>	Rain Water Harvesting in Schools and colleges	
	2 <sup>nd</sup>	Avenue planation and planation in community places	
	3 <sup>rd</sup>	Solar Panels Provision in nearby community places	
	4 <sup>th</sup>	Drinking Water and Sanitation facility supply in nearby community places	
	5 <sup>th</sup>	Health camp in nearby community places	
22	EMP (Construction & Operation)		
	<b>Operation Phase</b>		<b>Construction Phase</b>
	Recurring Cost Per Annum = 54.2 lakhs		Recurring Cost Per Annum = 15.75 lakhs
	Capital Cost = 240.0 lakhs		Capital Cost = 41.21 lakhs

The proposal is for expansion of residential apartments in BBMP limits. As per BBMP katha, the land is permitted for residential use. Earlier EC, was issued for BUA of 45,018Sqm on 12/06/2020 and present proposal is for total BUA of 53,827Sqm without any change in plot area. Proponent informed that no civil work started in the project area from the date of issue of earlier EC and submitted latest site photos of the proposed project area. Proponent, informed the Committee, since no construction activity is taken up on the EC issued earlier, CCR from MoEF not submitted.

Baseline parameters are within the permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within

permissible limits. Proponent to leave adequate buffer to water bodies/nalas as per norms. Proponent will plant 113 numbers of trees in the project area.

Proponent made available and clarified to the Committee about permissible FAR of 3.60 (2.25+1.35(TDR)) and proposed FAR of 3.59. Committee noted Height clearance certificate obtained from HAL vide letter dated:10/07/2021 and the proposed project height. Proponent submitted a revised tree species list having total of 113nos. proposed to be planted in the project area.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.13 Construction of Commercial Building Project at Doddanekundi Village, Bengaluru East Taluk, Bengaluru Urban District by M/s. Bagmane Developers Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/213013/2021 (SEIAA 77 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Bagmane Developers Private Limited 8 <sup>th</sup> Floor, A Block, Lake View, Bagmane Tech Park C.V. Raman Nagar, Bengaluru - 560093
2	Name & Location of the Project	Proposed Office Building, Sy.Nos. 42/4, & 57, Bagmane Constellation Business Park, Doddanekundi Village, KR Puram Hobli, Bangalore East Taluk, Bengaluru Urban District.
3	Type of Development	Commercial Building Project
	a. <del>Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT / ITES / Mall / Hotel / Hospital / other</del>	Commercial Office Building Project – IT Company Category 8(a) Building and Construction Projects as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies / Nalas in the vicinity of project site.	NA
6	Plot Area (Sqm)	18,217 sqm
7	Built Up area (Sqm)	100,123.71 sqm
8	FAR • Permissible • Proposed	3.25 3.05

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3B+G+11
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	3B+G+11
11	Height Clearance	AAI permissible elevation for near by project is 964.4m AMSL, the proposed project is having maximum top elevation of 941.7m AMSL
12	Project Cost (Rs. In Crores)	208.60 Crores
13	Disposal of Demolition waster and or Excavated earth	Excavated Earth: 70,000 cum.
14	<b>Details of Land Use (Sqm)</b>	
	a.	Ground Coverage Area 6,487 sqm (35.6%)
	b.	Kharab Land 6 Guntas
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 3,065.06 sqm (16.8%)
	d.	Internal Roads 2,549.8 sqm (13.99%)
	e.	Paved area 670.43sqm (3.68%)
	f.	Others Specify 845.14 sqm (4.6%, site services Transformer yard, HSD yard, Garbage room, OWC & Gas bank) 78.86 sqm (0.4%) (at drop off) - Podium driveway
	g.	Parks and Open space in case of Residential Township/ Area Development Projects 4,521 sqm (24.8%, green podium, including fire driveway on podium)
	h.	Total 18,217 sqm
15	<b>WATER</b>	
	I.	Construction Phase
	a.	Source of water Tertiary treated sewage water from other project which belonging project proponent.
	b.	Quantity of water for Construction in KLD 40 KLD
	c.	Quantity of water for Domestic Purpose in KLD 10 KLD
	d.	Waste water generation in KLD 10 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water Mobile STP will be provided.
	II.	Operational Phase
	a.	Total Requirement of Water in KLD Fresh 220 KLD Recycled 180 KLD Total 400 KLD
	b.	Source of water <b>Multiple Sources of Water is Proposed;</b> 1) In-house treated STP water 2) BWSSB & Private Tankers 3) Harvested Rain water

	c.	Waste water generation in KLD	180 KLD
	d.	STP capacity	400 KLD Sewage Treatment
	e.	Technology employed for Treatment	Sequential Batch reactor (SBR)
	f.	Scheme of disposal of excess treated water if any	Treated water is used for toilet flushing, Green Belt, Cooling towers and Dust suppression. Excess will be disposed to KSPCB authorized Common CETP.
<b>16</b>	<b>Infrastructure for Rain water harvesting</b>		
	a.	Capacity of sump tank to store Roof run off	220 KLD
	b.	No's of Ground water recharge pits	5.0 No's of Ground water recharge pits are proposed
<b>17</b>	Storm water management plan		
<b>18</b>	<b>WASTE MANAGEMENT</b>		
	<b>I. Construction Phase</b>		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	0.1 MT/day of solid waste will be generated and same will be disposed off through Municipal Authorities collecting agents. Organic food waste would be composted at site or handed over to piggery.
	<b>II. Operational Phase</b>		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Organic – 652 kg/day. Shall be used as Manure for Gardening
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Inorganic – 978 kg/day Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
	d.	Quantity of E waste generation and mode of Disposal as per norms	Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
<b>19</b>	<b>POWER</b>		
	a.	Total Power Requirement - Operational Phase	6000 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4 x1500 KVA - working +1 X 1500 KVA - stand by
	c.	Details of Fuel used for DG Set	69.7 Litters
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy units saving / Annum– 2950718 Total energy units saving / Annum - 22.7%
<b>20</b>	<b>PARKING</b>		
	a.	Parking Requirement as per norms	1114 no's
	b.	Level of Service (LOS) of the	C

	connecting Roads as per the Traffic Study Report	
c.	Internal Road width (RoW)	10.8 m
21	CER Activities Proposed	<ol style="list-style-type: none"> <li>1. Tree Plantation in the Community Areas</li> <li>2. Drinking Water Supply and Sanitation</li> <li>3. Health and Education</li> <li>4. Skill development and Women SHG promotion</li> <li>5. Rain Water Harvesting</li> </ol>
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Rs. 81 Lakhs Rs. 65.6 Lakh/year

As per BDA Revised Master Plan and land conversion documents, the area is earmarked for residential use. The proponent clarified that as per revised master plan 2015 zoning regulations, predominately residential land use pattern is considered for ancillary uses if the plot size is more than 240Sqm having frontage of 10mtrs or more and the abutting road is more than 18mtrs width then the ancillary uses can be used as main use. Accordingly proposed project is consider under I-2 where IT/BT activities/construction is permitted.

According to village map there is tertiary nala on the eastern side and passing in northeast portion of the proposed area. Proponent revised the conceptual plan incorporating a buffer of 15mtrs for nala and assured to not to use kharb area for the proposed project. The proponent also submitted the revised tree list incorporating 250nos of trees which are proposed to be planted in the project location.

The committee informed the proponent to adhere to the stipulate by-laws of the governing authority for water body and nala buffers. Further the proponent assured to leave adequate buffer to water bodies and nalas as per by-laws, in the proposed project area or in the vicinity of the project. The Proponent informed that the baseline parameters are within permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and also assured to use entire excavated earth within the plot area.

Proponent to comply with height of building permissible for the project site as issued by M/s HAL/AAI.

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 action.**

**16th September 2021**

**ToR Projects**

**266.14 Ordinary Sand Quarry Project Mannur Sugur Sand Block No. BLY-OSB-9 at Sy. No. 551(P) of Mannur Sugur Village, Siraguppa Taluk, Ballari District. (53-00 Acres) (21.44 Ha) by M/s. Karnataka State Minerals Corporation Limited -Online Proposal No. SIA/KA/MIN/64264/2021 (SEIAA 385 MIN 2021)**

This is a proposal for ordinary sand quarrying in Tungabhadra River Bed. The proposed sand block was approved by District Sand Monitoring Committee on 26.08.2020 and Notified on 17.08.2020. Since the lease area is 53-00 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as Bl. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.



1. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
2. Forest NOC should be submitted.
3. Provisions made as per the sustainable sand mining guidelines 2016 and 2020 should be detailed.
4. Replenishment study as per sustainable sand mining guidelines 2020 should be detailed.
5. Collective community development projects under CER should be detailed.
6. Study the cumulative pollution impact and carrying capacity of the cluster
7. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
8. Production plan need to plan based on replenishment study and based on the study calculate the extraction volume / Proposed production plan
9. The Cross section survey should be cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
10. Post environmental Monitoring plans should be detailed
11. Stockyard and transportation monitoring as per Enforcement & Monitoring Guidelines for sand mining should be detailed
12. The specific gravity of the material also needs to be ascertained by analysing the sample from NABL accredited lab.

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

**266.15** Nitturu Sand Block No. BLY OSB-7 at Sy.No.-323 (P) Nitturu Village, Siruguppa Taluk, Ballari District (39-20) (15.86Ha) by M/s. Karnataka State Minerals Corporation Limited -**Online Proposal No. SIA/KA/MIN/64207/2021** (SEIAA 383 MIN 2021)

This is a proposal for ordinary sand quarrying in Tungabhadra River Bed. The proposed sand block was approved by District Sand Monitoring Committee on 26.08.2020 and Notified on 17.08.2020. Since the lease area is 39-20 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as Bl. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
2. Forest NOC should be submitted.
3. Provisions made as per the sustainable sand mining guidelines 2016 and 2020 should be detailed.
4. Replenishment study as per sustainable sand mining guidelines 2020 should be detailed.
5. Collective community development projects under CER should be detailed.
6. Study the cumulative pollution impact and carrying capacity of the cluster

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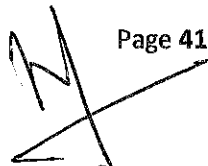
7. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
8. Production plan need to plan based on replenishment study and based on the study calculate the extraction volume / Proposed production plan
9. The Cross section survey should be cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
10. Post environmental Monitoring plans should be detailed
11. Stockyard and transportation monitoring as per Enforcement & Monitoring Guidelines for sand mining should be detailed
12. The specific gravity of the material also needs to be ascertained by analysing the sample from NABL accredited lab.

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

**266.16** Byalchinte & B.D.Halli Sand Block No. BLY-OSB-1 at Sy. No. 162(P) of Byalchinte and Sy.No. 342(P) of B.D.Halli under Block BLY-OSB-1 of Byalchinte & B.D.Halli Village, Ballari Taluk, Ballari District. (13-00) (5.26 Ha) by M/s. Karnataka State Minerals Corporation Limited -**Online Proposal No.SIA/KA/MIN/64052/2021** (SEIAA 381 MIN 2021)

This is a proposal for ordinary sand quarrying in Tungabhadra River Bed. The proposed sand block was approved by District Sand Monitoring Committee on 26.08.2020 and Notified on 17.08.2020. Since the lease area is 13.00 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as BI. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
2. Forest NOC should be submitted.
3. Provisions made as per the sustainable sand mining guidelines 2016 and 2020 should be detailed.
4. Replenishment study as per sustainable sand mining guidelines 2020 should be detailed.
5. Collective community development projects under CER should be detailed.
6. Study the cumulative pollution impact and carrying capacity of the cluster
7. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
8. Between the blocks need to maintain buffer as per Enforcement & Monitoring Guidelines for sand mining and revise the approved GPS co-ordinates accordingly.
9. Additional measures taken for safety of the canal bridge should be detailed.
10. Production plan need to plan based on replenishment study and based on the study calculate the extraction volume / Proposed production plan
11. The Cross section survey should be cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
12. Post environmental Monitoring plans should be detailed
13. Stockyard and transportation monitoring as per Enforcement & Monitoring Guidelines for sand mining should be detailed

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14. The specific gravity of the material also needs to be ascertained by analysing the sample from NABL accredited lab.

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

**266.17** Ordinary Sand Quarry Project at Mannur Sugur Sand Block No. BLY-OSB-08. at Sy.No.-551(P) of Mannur Sugur Village, Siraguppa Taluk, Ballari District. (50-00 Acres) (20.23 Ha) by M/s. Karnataka State Minerals Corporation Limited -**Online Proposal No. SIA/KA/MIN/64223/2021** (SEIAA 384 MIN 2021)

This is a proposal ordinary sand quarrying in Tungabhadra River Bed. The proposed sand block was approved by District Sand Monitoring Committee on 26.08.2020 and Notified on 17.08.2020. Since the lease area is 50.00 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as Bl. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

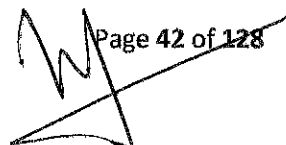
1. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
2. Forest NOC should be submitted.
3. Provisions made as per the sustainable sand mining guidelines 2016 and 2020 should be detailed.
4. Replenishment study as per sustainable sand mining guidelines 2020 should be detailed.
5. Collective community development projects under CER should be detailed.
6. Study the cumulative pollution impact and carrying capacity of the cluster
7. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
8. Production plan need to plan based on replenishment study and based on the study calculate the extraction volume / Proposed production plan
9. The Cross section survey should be cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
10. Post environmental Monitoring plans should be detailed
11. Stockyard and transportation monitoring as per Enforcement & Monitoring Guidelines for sand mining should be detailed
12. The specific gravity of the material also needs to be ascertained by analysing the sample from NABL accredited lab.

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

**266.18** Byalchinte & B.D.Halli Sand Block No. BLY-OSB-2 at Sy. No. 162(P) of Byalchinte and Sy.No. 342(P) of B.D.Halli under Block BLY-OSB-2 of Byalchinte & B.D.Halli & G.Nagenahalli Village, Ballari Taluk, Ballari District. (49-00) by M/s. Karnataka State Minerals Corporation Limited - **Online Proposal No. SIA/KA/MIN/64153/2021** (SEIAA 382 MIN 2021)



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This is a proposal ordinary sand quarrying in Tungabhadra River Bed. The proposed sand block was approved by District Sand Monitoring Committee on 26.08.2020 and Notified on 17.08.2020. Since the lease area is 49.00 Acres, which is more than the threshold limit of 5 Ha, the project is categorized as Bl. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
2. Forest NOC should be submitted.
3. Provisions made as per the sustainable sand mining guidelines 2016 and 2020 should be detailed.
4. Replenishment study as per sustainable sand mining guidelines 2020 should be detailed.
5. Collective community development projects under CER should be detailed.
6. Study the cumulative pollution impact and carrying capacity of the cluster
7. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
8. Between the blocks need to maintain buffer as per Enforcement & Monitoring Guidelines for sand mining and revise the approved GPS co-ordinates accordingly.
9. Additional measures taken for safety of the canal bridge should be detailed.
10. Production plan need to plan based on replenishment study and based on the study calculate the extraction volume / Proposed production plan
11. The Cross section survey should be cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
12. Post environmental Monitoring plans should be detailed
13. Stockyard and transportation monitoring as per Enforcement & Monitoring Guidelines for sand mining should be detailed
14. The specific gravity of the material also needs to be ascertained by analysing the sample from NABL accredited lab.

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

**266.19** KLPD (Molasses/Syrup/Grain) Distillery Project at Survey Nos 1, 2, 3, 4, 5, 6, 39, 42, 43, 44, 45, 46, 47, 48, 49 & 50 of Gangoor & Doddabyagathahalli villages, Holenarsipura Taluk, Hassan District by M/s. SCSL Agro Pvt. Ltd. -**Online Proposal No. SIA/KA/IND2/65877/2021** (SEIAA 45 IND 2021)

This is a new proposal for Molasses / Syrup / Grain based 90 KLPD distillery unit along with 3 MW/hr Co-generation from incineration boiler unit.

The committee decided to issue standard TORs along with the following additional TORs for conducting EIA studies along with public hearing.

1. Permission from concerned authorities for the source of water.
2. CER in specific physical terms.

3. Measures to prevent solidification of concentrated spentwash stored in the tanks in case of failure/shutdown/technical problem of power plant, since it is difficult to use/dispose off solidified-spentwash.
4. Details regarding disposal of incinerator boiler ash wherein concentrated spentwash is used as source of fuel.
5. Measures to prevent air pollution from boiler ash dumped in the yard before disposal.

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

**Fresh Projects for EC**

**266.20** Building Stone Quarry Project at Sy.No.153 of Gowdahalli Village, Srirangapatna Taluk, Mandya District (1-00 Acre) by Sri G.L. Lakshme Gowda -**Online Proposal No. SIA/KA/MIN/216400/2021** (SEIAA 289 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.21** Building Stone Quarry Project at Sy.No.228/2 of Kallamandkuru Village, Mudabidre Taluk, Dakshina Kannada District (5-00 Acres) by Sri Vincent Joseph Neeliyara - **Online Proposal No.SIA/KA/MIN/216552/2021** (SEIAA 287 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.22** Ordinary Sand Quarry Project at Jalihal Village, Badami Taluk, Bagalkote District (5-01 Acres) by Sri Basavaraj H. Kattikar -**Online Proposal No.SIA/KA/MIN/216533/2021** (SEIAA 276 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Basavaraj H. Kattikar S/o Hanamappa Kattikar, # 117, Chirlakoppa Village, Po: Kulageri Cross, Badami Taluk, Bagalkote District, Karnataka - 587155
2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent 5-01Acres (2.033 Hectares) in Patta Land at Sy. No.6/2, 6/3, 6/4 & 6/5 of Belur Village & 208/1,208/2 & 208/3 of Jalihal Village, Badami Taluk, Bagalkot 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	2.033 Ha
7	Annual production (metric ton /Cum) per annum	40,000 tons for 1 <sup>st</sup> year & 20,083 tons for 2 <sup>nd</sup> year of plan period
8	Project Cost (Rs. In Crores)	0.73 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	60,083 tons
10	permitted quantity per annum- Cu.m/Ton	40,000 tons for 1 <sup>st</sup> year & 20,083 tons for 2 <sup>nd</sup> year of plan period
11	CER Action plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing ground water through construction of check dams
	2 <sup>nd</sup>	Rain water harvesting pits to GHPS at Jalihal village & Belur Village
12	EMP Budget	Rs. 9.26 lakhs (Capital Cost) & Rs. 11.76 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department and applied land conversion order. The lease was approved by District Task Force on 06.07.2020 and notified by C&I dept. on 09.08.2021. The lease area is at a distance of 52 mts from Sasavi Halla.

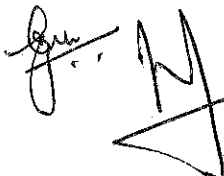
There is an existing cart track road of length 51mts connecting lease area to the all weather black topped road.

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 5-01 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise, which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 60,083 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 2 years, the committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 40,000 tons for the 1<sup>st</sup> year & 20,083 tons for 2<sup>nd</sup> year of the plan period with quarry pit depth of 4.50 meters including 1.5 meters of top soil

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

**266.23** Pink Granite Quarry Project at Sy.No.275/1 of Balakundi Village, Ilkal Taluk, Bagalkote District (4-39 Acres) by Sri Anitha D. Kashappanavar -**Online Proposal No.SIA/KA/MIN/216658/2021** (SEIAA 277 MIN 2021)

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

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

**266.24** Ornamental Stone (Black & Multicolour Granite) Quarry Project at Sy.Nos.170/3, 170/4 & 170/6 of Hulikeregunnuru Village, Ramanagara Taluk & District (2-22 Acres) (Q.L.No.001) by Smt. Bharathi -**Online Proposal No. SIA/KA/MIN/216626/2021** (SEIAA 285 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.25** Building Stone Quarry Project at Sy.No.94/2 of Niddodi Village, Mangaluru Taluk, Dakshina Kannada District (0.94 Acre) by Smt. Irene D. Cunha -**Online Proposal No. SIA/KA/MIN/215241/2021** (SEIAA 288 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.26** Ornamental Stone (Black & Multicolour Granite) Quarry Project at Sy.No.170/5 of Hulikeregunnuru Village, Ramanagara Taluk & District (3-20 Acres) (Q.L.No.002) by Sri Kodandaram P -**Online Proposal No. SIA/KA/MIN/216727/2021** (SEIAA 286 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.27** Building Stone Quarry Project at Sy.No.65 of Kallamandkuru Village, Mudabidre Taluk, Dakshina Kannada District (0.51 Acres) by Sri IWAN LOBO -**Online Proposal No. SIA/KA/MIN/216785/2021** (SEIAA 290 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.28** Building Stone Quarry Project at Sy.No.496/1,2(P) of Athani Villae, Athani Taluk, Belagavi District (5-20 Acres) by M/s.Sri Uddammadevi M-Sand Stone Crusher -**Online Proposal No. SIA/KA/MIN/216973/2021** (SEIAA 284 MIN 2021)

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The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.29** Building Stone Quarry Project at Sy.No.248/2 of Shedabal Village, Kagawad Taluk, Belagavi District (2-07 Acres) by Sri Narayan Bhimappa Shingadde **-Online Proposal No. SIA/KA/MIN/217067/2021 (SEIAA 283 MIN 2021)**

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.30** Building Stone Quarry Project at Hulikatti Village, Belgaum Taluk & District (6-12 Acres) (2.53 Ha) by M/s. Pawan Metal Syndicates **-Online Proposal No. SIA/KA/MIN/213892/2021 (SEIAA 278 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Pawan Meral syndicates, Sri Pawan B Udupudi, Post&Village:Hulikatti, Belgaum Taluk, Belgaum district
2	Name & Location of the Project	"Building Stone Quarry" of M/S Pawan Meral syndicates, Sri Pawan B Udupudi at Sy. Nos. 91/9, 7, 5 (P) Hulikatti Village, Belgaum Taluk, Belgaum 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	6A-12 G (2.550 Ha)
7	Annual production (metric ton /Cum) per annum	Average 1,27,370 tons/annum (including waste)
8	Project Cost (Rs. In Crores)	3.25 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	6,36,006 tons
10	permitted quantity per annum- Cu.m/Ton	Average 1,27,370 tons/annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1st	CER-Rejuvenation of HulikattiNala (Desilting of Nala every year before monsoon), Plantation around both side of Nala, Watering and Maintainace.
	2 <sup>nd</sup>	CER-Rejuvenation of HulikattiNala (Desilting of Nala every year before monsoon), Plantation around both side of Nala, Watering and Maintainace.

	3 <sup>rd</sup>	CER-Rejuvenation of HulikattiNala (Desilting of Nala every year before monsoon), Plantation around both side of Nala, Watering and Maintainace. Concrete made small tank -02 numbers near by quarry two villages road side with water supply by proponent from his water tanker of size L-3mt W-1 mt, D-0.5 mt for all type Birds,Monkey ,Goat, purpose. water drinking purpose in summer season) Hulikattivillage, Aralikatti village	
	4 <sup>th</sup>	CER-Rejuvenation of HulikattiNala (Desilting of Nala every year before monsoon), Plantation around both side of Nala, Watering and Maintainace.	
	5 <sup>th</sup>	CER-Rejuvenation of HulikattiNala (Desilting of Nala every year before monsoon), Plantation around both side of Nala, Watering and Maintainace.	
12	EMP Budget	Rs.16.55 lakhs (Capital Cost) & Rs. 15.90 lakhs (Recurring cost)	

The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order on 09.02.2021. The lease was notified on 18.03.2021.

There is an existing cart track road to a length of 0.500 kms connecting lease area to the all weather black topped road.

As per the Cluster sketch there are four leases including this lease within 500 meter radius from the lease area. The total area of al these leases is 10-22 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.


Considering the proved mineable reserve of 6,36,006 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an average annual production of 1,27,370 tonnes/annum (including waste).

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

**266.31** Building Stone Quarry Project at Sy.Nos.169, 170, 171 & 172(P) of Arundi Village, Nyamati Taluk, Davanagere District (2-09 Acres) (0.9008 Ha) by Sri Prakash -Online Proposal No. SIA/KA/MIN/214082/2021 (SEIAA 280 MIN 2021)

**About the project**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Prakash M S/O Mani V, #200 Gondichatnahalli, Shimoga Karnataka-577216, Mobile-9845816373
2	Name & Location of the Project	"Building Stone Quarry" of Sri Prakash M S/O Mani V at Sy No: 169,170,171&172(P) Arundi Village Nyamati Taluk Davanagere District Karnataka.

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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	2-09 Acre(0.9008 Ha)
7	Annual production (metric ton /Cum) per annum	Average 43,700 tons/annum (including waste)
8	Project Cost (Rs. In Crores)	1.25 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	3,31,842 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	Average 43700 tons/annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Desilting of Madena Bhavi Nala every year before monsoon Plantations both side of Nala.
	2 <sup>nd</sup>	Desilting of Madena Bhavi Nala every year before monsoon Plantations both side of Nala.
	3 <sup>rd</sup>	Desilting of Madena Bhavi Nala every year before monsoon Plantations both side of Nala.
	4 <sup>th</sup>	Desilting of Madena Bhavi Nala every year before monsoon Plantations both side of Nala.
	5 <sup>th</sup>	Desilting of Madena Bhavi Nala every year before monsoon Plantations both side of Nala.
12	EMP Budget	Rs.7.45 lakhs (Capital Cost) & Rs. 11.50 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department and applied for land conversion order. The lease was notified on 30/04/2021.


There is an existing cart track road to a length of 250 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are 2 leases including the subject lease within 500 meter radius from the lease area. The total area of all these leases is 4-27 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 3,31,842 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 08 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 43,700 tons/annum (including waste).

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

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266.32 Building Stone Quarry Project at Arundi Village, Nyamati Taluk, Davanagere District (2-18 Acres) (0.9919 Ha) by Sri Manjunatha -Online Proposal No.SIA/KA/MIN/214079/2021 (SEIAA 281 MIN 2021)

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Manjunatha S/O Subramani N #233, Lakkappa Layout, Kashipura, Shimoga.
2	Name & Location of the Project	"Building Stone Quarry" of Sri Manjunatha S/O Subramani N at Sy.Nos.169, 170, 171 & 172(P), Arundi Village, Nyamati Taluk, Davanagere 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	2-18 Acre(0.9919 Ha)
7	Annual production (metric ton /Cum) per annum	Average 48,484 tons/annum (including waste)
8	Project Cost (Rs. In Crores)	1.25 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	2,78,579 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	Average 48,484 tons/annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Desilting of ArundiNala every year before monsoon Plantations both side of Nala.
	2 <sup>nd</sup>	Desilting of ArundiNala every year before monsoon Plantations both side of Nala.
	3 <sup>rd</sup>	Desilting of ArundiNala every year before monsoon Plantations both side of Nala.
	4 <sup>th</sup>	Desilting of ArundiNala every year before monsoon Plantations both side of Nala.
	5 <sup>th</sup>	Desilting of ArundiNala every year before monsoon Plantations both side of Nala.
12	EMP Budget	Rs.8.50 lakhs (Capital Cost) & Rs. 11.50 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department & applied for land conversion order. The lease was notified on 30/04/2021.

There is an existing cart track road to a length of 250 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are 2 leases including the subject lease within 500 meter radius from the lease area. The total area of all these leases is 4-27 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The

proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 2,78,579 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 06 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 48,484 tons/annum (including waste).

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

**266.33** Ornamental (Multi Colour Granite) Quarry Project at Sy.Nos.178 & 69/4 of Alimaranahalli Village, Kanakapura Taluk, Ramanagara District by Sri Sangram S Savanth -Online Proposal No. SIA/KA/MIN/216245/2021 (SEIAA 274 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.34** Building Stone Quarry Project at Sy.No.154 of Byalakere Village, Magadi Taluk, Ramanagara District (3-00 Acres) (Q.L.No.1333) by Smt. R. Nirmala -Online Proposal No. SIA/KA/MIN/210429/2021 (SEIAA 291 MIN 2021) - Expansion

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. R. Nirmala W/o Rudradya, Byalakere Village, Kasaba Hobli, Magadi Taluk, Ramanagara District.
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" at Sy. No.154, Byalakere Village, Magadi Taluk, Ramanagara District, Karnataka.
3	Type of Mineral	Building Stone (M-Sand) Quarry
4	New /expansion/modification /renewal	Expansion (QL NO. 1333)
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	1.214 Ha
7	Annual production (metric ton /Cum) per annum	1,29,973Tons per anum-Avg(including waste)
8	Project Cost (Rs. In Crores)	1.57 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	6,49,865 tons(including waste)
10	permitted quantity per annum- Cu.m/Ton	1,29,973Tons per anum(including waste)
11	CER Action Plan	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing ground water through construction of check dams

	2 <sup>nd</sup>	Developing infrastructure for local health center	
	3 <sup>rd</sup>	Rain water harvesting pits to GHPS at Byalakere Village	
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages	
	5 <sup>th</sup>	Cleaning out and deepening of Byalakere pond	
12	EMP Budget	Rs. 12.91 lakhs (Capital Cost) & Rs. 10.72 lakhs (Recurring cost)	

This is a proposal for expansion, for which the EC was issued on 28.10.2015 and lease was granted on 20.03.1997. The proponent has obtained NOCs from Forest and Revenue Dept. The proponent submitted certified compliance from KSPCB. The proponent submitted the response to the each EC conditions along with the annexures.

There is an existing cart track road of length 1.07KM connecting lease area to the all weather black topped road.

This lease granted prior to 09.09.2013 and hence the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the baseline data will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 6,49,865 tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,29,973 tonnes/annum (including waste).

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

**266.35** Building Stone Quarry Project at Sy.No.12 of Billahalli Village, Tarikere Taluk, Chikkamagaluru District (5-00 Acres) (Q.L.No.548) by Sri B.N. Prakash -**Online Proposal No. SIA/KA/MIN/217422/2021** (SEIAA 301 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.36** 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 No. SIA/KA/MIN/208254/2021** (SEIAA 317 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

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**266.37** Building Stone Quarry Project at Sy.No.168 of Unnibhavi Village, Nidagundi Taluk, Vijayapura District (4-18 Acres) (1.8009 Ha) by Sri Gurusiddappa S Kamanakeri -**Online Proposal No. SIA/KA/MIN/206793/2021** (SEIAA 318 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.38** Building Stone Quarry Project at Sy.No.148/9 of Ainapur Village, Vijayapura Taluk & District (1-00 Acre) by Sri Chennappa R Roodagi -**Online Proposal No. SIA/KA/MIN/204314/2021** (SEIAA 319 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.39** Building Stone Quarry Project at Sy.No.176/1 of Kalya Village, Karkala Taluk, Udupi District (2-00 Acres) by Sri Suresh Shetty -**Online Proposal No. SIA/KA/MIN/217492/2021** (SEIAA 302 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.40** Building Stone Quarry Project at Ivagilu Village, Ramanagara Taluk & District (5-00 Acres) by M/s. C.R.S. Stone Crusher - **Online Proposal No.SIA/KA/MIN/217538/2021** (SEIAA 292 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. C. R. S. Stone Crusher, Proprietor: C. Lokesh S/o Cheluvarya Swamy, Abbanakuppe Village, Ittamadu Post, Bidadi Hobli, Ramanagara Taluk & District, Karnataka
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" of M/s. C. R. S. Stone Crusher, at Sy.No.13, Ivagilu Village, Ramanagara Taluk, Ramanagara District, Karnataka.
3	Type of Mineral	Building Stone (M-Sand) Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
6	Area in Ha	2.023 Ha

7	Annual production (metric ton /Cum) per annum	1,89,474 Tons per annum (including waste)
8	Project Cost (Rs. In Crores)	1.64 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	16,79,626 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	1,89,474 Tons per annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing ground water through construction of check dams
	2 <sup>nd</sup>	Developing infrastructure for local health Centre
	3 <sup>rd</sup>	Providing solar lights to common public places
	4 <sup>th</sup>	Scientific support and awareness to local farmers to increase yield of crop and fodder
	5 <sup>th</sup>	Cleaning out and deepening of Heggadagere Pond
12	EMP Budget	Rs. 22.64lakhs (Capital Cost) & Rs. 13.37 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest and Revenue Department. The lease was notified on 22.12.2017. The proponent submitted the distance certificate from PCCF (Wildlife) on 10.08.2021, according to which the project area is at a distance of 6.5 KM away from the boundary of Thimmalapura Wildlife Sanctuary and outside the notified ESZ.

There is an existing cart track road to a length of 380 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are 6 leases including this lease within 500 meter radius from the lease area. Out of 6 leases, 2 leases were granted prior to 09.09.2013 & for 2 leases ECs were issued prior to 15.01.2016. The total area of the remaining 2 leases including the subject lease is 8-08 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 16,79,626 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,89,474 tonnes/annum (including waste).

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

**266.41 Building Stone Quarry Project at Sy.No.78 of Channanakere Village, Srirangapatna Taluk, Mandya District (0-30 Acres) by M/s. J J Mines - Online Proposal No. SIA/KA/MIN/216371/2021 (SEIAA 282 MIN 2021)**

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The proponent not submitted the Forest Noc / distance certificate from PCCF (wildlife) and Audit Report for the year 2019-20 and 2020-21. The committee decided to defer the appraisal of the project proposal.

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


**17<sup>th</sup> September 2021**  
**Fresh Project for EC**

**266.42 Ordinary Sand Quarry Project at Sy.Nos.100/2, 101/1, 101/2, 101/3 & 101/4 of Turumari Village, Ilkal Taluk, Bagalkote District (9-10 Acres) by Sri Sunil F Giraddi -Online Proposal No. SIA/KA/MIN/217659/2021 (SEIAA 293 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Sunil F. Giraddi S/o Late Fakireddi, Basavanagar, Ward No.02, Ilkal Taluk, Bagalkot District, Karnataka – 587125
2	Name & Location of the Project	“Ordinary Sand Quarry” over an extent 9-10 Acres (3.743 Hectares) in Patta Land at Sy.Nos.100/2, 101/1, 101/2, 101/3 & 101/4 of Turumari Village, Ilkal Taluk, Bagalkot 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]	PattaLand
6	Area in Ha	3.743 Ha
7	Annual production (metric ton /Cum) per annum	50,000 tons per annum for first 2 years & 20,744 tonnes for 3rd year of the plan period
8	Project Cost (Rs. In Crores)	1.68 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,20,744 tons
10	permitted quantity per annum- Cu.m/Ton	50,000 tons per annum for first 2 years & 20,744 tonnes for 3rd year of the 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>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 14.47 lakhs (Capital Cost) & Rs. 16.98 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order on 25.08.2021. The lease was approved by District Task Force on 30.01.2021

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and lease was notified by C&I dept. on 02.09.2021. The lease area is at a distance of 140 meters from Ilkal Halla.

There is an existing cart track road of length 1.28 kms connecting lease area to the all weather black topped road.

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 9-10 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 1,20,744 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years, the committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 50,000 tons per annum for first 2 years & 20,744 tonnes for 3<sup>rd</sup> year of the plan period with quarry pit depth of 4.0 meters including 1.0 meters of top soil.

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

**266.43 Building Stone Quarry Project at Sy.No.108 of Hirekati Village, Gundlupete Taluk, Chamarajanagara District (3-00 Acres) (Q.L.No.153) by Smt. K. Gayathri -Online Proposal No. SIA/KA/MIN/217887/2021 (SEIAA 303 MIN 2021)**

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.44 Building Stone & Murram Quarry Project at Halekote Village, Siruguppa Taluk, Ballari District (4-00 Acres) by Sri Y Sridhar -Online Proposal No. SIA/KA/MIN/218101/2021 (SEIAA 299 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Y. Sridhar S/o Y. Pitcheswar Rao, Near Shantiniketan School, 14 <sup>th</sup> Ward, Vijaya Vithala Nagar, Siruguppa Post & Taluk, Ballari District, Karnataka - 583121
2	Name & Location of the Project	"Building Stone & Murram Quarry" of Sri. Y. Sridhar at Sy.No.525, Halekote Village, Siruguppa Taluk, Ballari District, Karnataka
3	Type of Mineral	Building Stone & Murram Quarry
4.	New /expansion/modification /renewal	New



5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
6	Area in Ha	1.618 Ha
7	Annual production (metric ton /Cum) per annum	1,05,263 tons per annum for five years of plan period and 90,000 tons of Murram will be excavated in 1st year itself
8	Project Cost (Rs. In Crores)	1.48 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	17,67,280 tons
10	permitted quantity per annum- Cu.m/Ton	1,05,263 tons per annum for five years of plan period and 90,000 tons of Murram will be excavated in 1 <sup>st</sup> year itself
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing ground water through construction of check dams
	2 <sup>nd</sup>	Developing Infrastructure for local health center
	3 <sup>rd</sup>	Rain water harvesting pits to GHPS at Halekote Village
	4 <sup>th</sup>	Scientific support and awareness to local farmers to increase yield of crop and fodder
	5 <sup>th</sup>	Conducting E-waste drive campaigns in the nearby localities
12	EMP Budget	Rs. 18.28 lakhs (Capital Cost) & Rs. 10.98 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest and Revenue Department. The lease was notified on 26.03.2021.

There is an existing cart track road to a length of 1.12 kms connecting lease area to the all weather black topped 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. The total area of all these leases is 12.50 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 17,67,280 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 18 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,05,263 tonnes/annum (including waste) and 90,000 tons Murram for 1<sup>st</sup> year.

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




**266.45 Building Stone & Murram Quarry Project at Halekote Village, Siruguppa Taluk, Ballari District (4-20 Acres) by Sri Y. Pithcheswar Rao -Online Proposal No. SIA/KA/MIN/217939/2021 (SEIAA 298 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Y. Pithcheswar Rao S/o Y. Nageshwar Rao, Near Shantiniketan School, Vijaya Vithala Nagar, Siruguppa Post & Taluk, Ballari District, Karnataka
2	Name & Location of the Project	"Building Stone & Murram Quarry" of Sri. Y. Pithcheswar Rao, Sy.No.525, Halekote Village, Siruguppa Taluk, Ballari District, Karnataka.
3	Type of Mineral	Building Stone & Murram Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
6	Area in Ha	1.821 Ha
7	Annual production (metric ton /Cum) per annum	1,05,263 tons per annum for five years of plan period and 98,000 tons of Murram will be excavated in 1 <sup>st</sup> year itself
8	Project Cost (Rs. In Crores)	1.51 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	13,47,156 tons
10	permitted quantity per annum- Cu.m/Ton	1,05,263 tons per annum for five years of plan period and 98,000 tons of Murram will be excavated in 1 <sup>st</sup> year itself
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 to GHPS at Halekote Village
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 <sup>th</sup>	The proponent proposes to distribute nursery plants at Halekote Village & Strengthening of approach road
12	EMP Budget	Rs. 20.39 lakhs (Capital Cost) & Rs. 11.19 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest and Revenue Department. The lease was notified on 26.03.2021.

There is an existing cart track road to a length of 1.12 kms connecting lease area to the all weather black topped road.

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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. The total area of all these leases is 12.50 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 17,67,280 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 13 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,05,263 tonnes/annum (including waste) and 98,000 tons Murram for 1<sup>st</sup> year.

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

**266.46** Shahabad Stone Quarry Project at Sy.No.25 of Chincholi Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) by Sri Jagappa -**Online Proposal No. SIA/KA/MIN/218351/2021** (SEIAA 311 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.47** Building Stone Quarry Project at Sy.No.67/\*2 of Pattan Village, Kalaburagi Taluk & District (5-00 Acres) by Sri Uday Kumar -**Online Proposal No. SIA/KA/MIN/218417/2021** (SEIAA 314 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.48** Building Stone Quarry Project at Teggi Village, Bilagi Taluk, Bagalkote District (2-12 Acres) by Sri Kashinath N. Kankale -**Online Proposal No. SIA/KA/MIN/218395/2021** (SEIAA 304 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Kashinath N. Kankale S/o Nagappa, #L 29, Sector No.63 A, Navanagar, Bagalkot Taluk & District, Karnataka – 587103.
2	Name & Location of the Project	“Building Stone Quarry” of Sri. Kashinath N. Kankale at Sy.No.248/7, Teggi Village, Bilagi Taluk, Bagalkot District, Karnataka.

3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand
6	Area in Ha	0.929 Ha
7	Annual production (metric ton /Cum) per annum	42,105 Tons per anum (including waste)
8	Project Cost (Rs. In Crores)	1.17 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	2,51,524 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	42,105 Tons per anum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Rain water harvesting pits to GHPS at Teggi Village
	3 <sup>rd</sup>	Providing solar power panels to common public places
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 <sup>th</sup>	Health camp in nearby community places
12	EMP Budget	Rs. 10.51 lakhs (Capital Cost) & Rs. 7.95 lakhs (Recurring cost)


The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order. The lease was notified on 17.03.2021.

There is an existing cart track road to a length of 880 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are 9 leases including this lease within 500 meter radius from the lease area. Out of 9 leases, 4 leases were granted prior to 09.09.2013 & for 4 leases ECs were issued prior to 15.01.2016. The area of the subject lease is 2-12 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 2,51,524 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 42,105 tonnes/annum (including waste).

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

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**266.49** Building Stone Quarry Project at Sy.No.78 of Channanakere Village, Srirangapatna Taluk, Mandya District (1-00 Acre) by M/s. J J Mines **-Online Proposal No. SIA/KA/MIN/218523/2021** (SEIAA 300 MIN 2021)

The proponent not submitted the Forest Noc / distance certificate from PCCF (wildlife) and Audit Report for the year 2019-20 and 2020-21. The committee decided to defer the appraisal of the project proposal.

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

**266.50** Building Stone Quarry Project at Sy.No.51 of Yellare Village, Karkala Taluk, Udupi District (1.50 Acres) (Q.L.No.429) by Sri Rajaram Hegde **-Online Proposal No. SIA/KA/MIN/218491/2021** (SEIAA 308 MIN 2021) - Expansion

As per the Forest Noc dated: 19.11.2015, it is not clear about wheather the project site is outside the deemed forest or inside the deemed forest and the proponent has not submitted the Audit Report. The proponent informed that he will come back after submission of Audit Report and Forest NOC clearly certifying the project site is out side the deemed Forest. The committee decided to defer the appraisal of the project proposal.

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

**266.51** Proposed Building Stone Quarry Project at Sy.No.43/2 of Umatar Village, Ramdurga Taluk, Belagavi District (6-00 Acres) by Sri Shivanand G. Chinchli **-Online Proposal No. SIA/KA/MIN/218580/2021** (SEIAA 313 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.52** Grey Granite Quarry Project at Gowral Village, Kuknoor Taluk, Koppala District (3-00 Acres) (1.214 Ha) by Sri Basavaraj A Rajoor-**Online Proposal No. SIA/KA/MIN/218586/2021** (SEIAA 316 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri Basavaraj A Rajoor S/o. Andappa Rajoor B T Patil Nagar, Ward No.28, Koppal Taluk &amp; District Karnataka – 583231</b>



2	Name & Location of the Project	"Grey Granite Quarry" of Sri Basavaraj A Rajoorat, 46/3, Gowral Village, Kuknoor Tq, Koppal District, Karnataka.
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	3.00 Acres (1.214 Ha)
7	Annual production (metric ton /Cum) per annum	17,150 cum/ Annum (30% Recovery & 70% Waste)
8	Project Cost (Rs. In Crores)	28.00Lakhs
9	Proved quantity of mine/quarry-Cu.m/Tons	2,71,215 cum (30% Recovery & 70% Waste)
10	permitted quantity per annum- Cu.m/Ton	17,150 cum/ Annum (30% Recovery & 70% Waste)
11	<b>CER Activities</b> <ul style="list-style-type: none"> <li>➤ Construction of two toilets along with overhead water tank with Borewell with power connection &amp; yearly maintenance of the same &amp; Anganwadi kitchen, at Govt. Primary school in Gowral village.</li> <li>➤ Desilting &amp; rejuvenation a Benakalkere, Drinking water etc.</li> <li>➤ Purchase of oxygen cylinders for PH centre at Kuknoor.</li> </ul>	
12	EMP Budget	Rs.28.0 lakhs (Capital Cost) & Rs. 5.50 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Dept, and obtained land conversion order on 01.10.2014. The lease was notified by C&I dept. on 14.09.2021.

There is an existing cart track road to a length of 1.16 km connecting, lease area to the all-weather black topped road.

As per the Cluster sketch there are 15 leases including the subject lease within 500 meters radius from the project area. Out of these 11 leases were granted prior to 09.09.2013 and the total area of remaining 4 leases including the subject lease is 11.75 acres in the cluster of said lease. However it is observed that the extended cluster sketch from the lease marked as no.6 in the cluster sketch is not submitted.

Considering the proved mineable reserve of 2,71,215 cum (30% Recovery & 70% Waste) the committee estimated the life of the mine as 16 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an maximum annual production of 17,150 cum/ Annum (30% Recovery & 70% Waste).

The committee after discussion decided to reconsider after submission of extended cluster sketch.

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

**266.53 Building Stone Quarry Project at Halekote Village, Siruguppa Taluk, Ballari District (4-00 Acres) (1.6 Ha) (Old Q.L.No.BLR-312) by Sri P.A. Ramakoteshwara Rao -Online Proposal No. SIA/KA/MIN/218589/2021 (SEIAA 296 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. P A Ramakoteshwar Rao S/o China Hanumaiah C/o Lakshman Rao, Takkalakote Village, Siruguppa-583122
2	Name & Location of the Project	"Building Stone Quarry" of Sri. P A Ramakoteshwar Rao, Sy.No.354, Halekote Village, Siruguppa Taluk, Ballari District, Karnataka
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	1.60 Ha
7	Annual production (metric ton /Cum) per annum	50,000 Tonnes/annum (including waste)
8	Project Cost (Rs. In Crores)	2.4 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	5,25,934 tons (including waste)
10	permitted quantity per annum-Cu.m/Ton	50,000 Tonnes/annum (including waste)
11	CER Action Plan:	Rejuvenation of Halekote water Pond and plantation on bunds. Which is about 1.5 km towards North East.
12	EMP Budget	Rs.7.54 lakhs (Capital Cost) & Rs. 12.45 lakhs (Recurring cost)

The lease was granted on 06.12.2008 for 5 years and the proponent submitted audit report certified by DMG that the proponent carried out quarrying activity from 2010-11 to 2014-15 and further no mining activity carried out till 2020-21. The proponent has obtained Forest NOC and notified on 29.06.2020.

There is an existing cart track road to a length of 260 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are two leases within 500 meter radius including this lease area. The total area of the two leases is 5-20 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 5,25,934 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 50,000 tonnes/annum (including waste).

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

**266.54** Building Stone Quarry Project at Sy.No.35/B of Chetnihalli Village, Harapanahalli Taluk, Bellari District (1.51 Acres) (0.611 Ha) by Sri Nagaraj Naik P -**Online Proposal No. SIA/KA/MIN/219448/2021** (SEIAA 307 MIN 2021)

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

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

**266.55** Building Stone Quarry Project at Sy.No.114 of Halugondanahalli Village, Tumkur Taluk, Tumkur District (0-20 Acres) (Q.L.No.774) by Sri M. Raghu-**Online Proposal No. SIA/KA/MIN/219702/2021** (SEIAA 310 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.56** Ordinary Sand Quarry Project at Sy.Nos.3/\*1, 3/\*2, 3/\*3 & 3/\*4 of Sasalli Village, Sindhanur Taluk, Raichur District (5-10 Acres) by Sri H.M. CHANNABASAVA SWAMY-**Online Proposal No. SIA/KA/MIN/219821/2021** (SEIAA 305 MIN 2021)

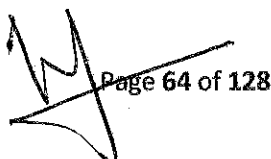
The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.57** Building Stone Quarry Project at Sy.No.11 of Neladimmanahalli Village, Sira Taluk, Tumkur District (5-00 Acres) by Smt. Poornimaraju H.V. - **Online Proposal No. SIA/KA/MIN/219869/2021** (SEIAA 315 MIN 2021)

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

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



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**266.58** Building Stone Quarry Project at Sy.No.399 of Sathihalli Village, Chikkamagaluru Taluk & District (1-16 Acres) by Sri Parveez Ahmed -**Online Proposal No. SIA/KA/MIN/219956/2021** (SEIAA 312 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.59** Natural Sand Quarry Project at Sy.Nos.31/1 & 29/1 of Nagasamudra Village, Molakalmuru Taluk, Chitradurga District (5-10 Acres) (2.124 Ha) by Sri O. Mallikarjuna -**Online Proposal No. SIA/KA/MIN/220078/2021** (SEIAA 306 MIN 2021)

As per the documents furnished by the proponent the project site is at a distance of 6.3 km from the extended Gudekote Sloth Bear Sanctuary, for which the ESZ was not notified. Hence by default 10 km is the ESZ and the project site falls within the ESZ. The committee decided to defer the appraisal of the project proposal.

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

**266.60** Building Stone Quarry Project at Kolaghatta Village, Turuvekere Taluk, Tumkur District (4-00 Acres) by Sri Raju K. -**Online Proposal No. SIA/KA/MIN/219719/2021** (SEIAA 309 MIN 2021)

**About the project:**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri. Raju K. S/o Late Kempegowda K. B. #125, G. Kebbahalli Village, Keregodu Hobli, Mandya Taluk &amp; District, Karnataka-571446</b>
2	Name & Location of the Project	Building stone Quarry in 4 Acres of Govt. Patta Land bearing Sy. No. 49/1, 49/2 & 55 of Kolaghatta Village, Turuvekere Taluk, Tumkur District, Karnataka
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	4 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,05,575Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crore (Rs. 30 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,06,214Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	1,05,575Tons/Annum (Max.)

11	<b>CER Action Plan:</b> Propose for rejuvenation of Nala (Desilting, de-weeding, Stone pitching)	
12	EMP Budget	5.45 Lakhs (Capital Cost) & 8.75 Lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Dept. and applied for land conversion order. The lease was notified on 04.03.2021.

There is an existing cart track road to a length of 380 meters connecting lease area to the all-weather black topped road.

As per the Cluster Sketch there are no other leases within 500 meter radius. The area of the subject lease is 4-00 Acres. The 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 7,06,214 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 maximum annual production of 1,05,575 tonnes/annum (including waste).

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

**266.61** Building Stone Quarry Project at Sy.No.106/2 of Chikkasavanoor Village, Shirahatti Taluk, Gadag District (6-00 Acres) by Sri S.R.Ballari -**Online Proposal No. SIA/KA/MIN/220582/2021 (SEIAA 320 MIN 2021)**

As per the forest NOC the project site is at a distance of 6.1 km from the Kappadagudda Wildlife Sanctuary, for which the ESZ was not notified. Hence by default 10 km is the ESZ and the project site falls within the ESZ. Proponent/consultant informed about submission of application with wildlife board and provision to submit application simultaneously with NBWL & SEAC/EAC Chairman briefed the committee about guidelines of 19.12.2012 by MoEF (wildlife division) and OM dated 08.08.2019 by MoEF (IA Division) about provision to submit application simultaneously with EAC & NBWL for clearances. EC & NBWL for clearances will be processed by respective agencies on their merit and clearance of one aspect will not confer any right upon the project proponent on the other proponent to obtain the clearance from both the agencies. This provision may please be looked into for further reference.

The committee decided to defer the appraisal of the project proposal.

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

**266.62** Laterite Stone (Grade-A) Quarry Project at Sy.No.435/4 of Kanyana Village, Bantwala Taluk, Dakshina Kannada District (1.40 Acres) by Sri Mohammad Riaz -**Online Proposal No. SIA/KA/MIN/220036/2021 SEIAA (325 MIN 2021)**

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**Deferred Projects**

**266.63** Commercial Mall & Hotel Project at Gokul Road, Hubli Taluk, Dharwad District by M/s. Shriya Holdings & Properties Pvt. Ltd. -**Online Proposal No. SIA/KA/MIS/208131/2021** (SEIAA 53 CON 2021)

This proposal was earlier deferred during 264<sup>th</sup> SEAC meeting, as the proponent remained absent without prior intimation.

The proponent remained absent even to this meeting without prior intimation. Hence the committee decided that one last opportunity be given to the proponent.

The committee decided to defer the project proposal.

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

**266.64** Building Stone Quarry Project at Sy.No.31/P2 of Sooda Village, Karkala Taluk, Udupi District (Q.L.No.U51) (1-00 Acre) by Sri Dinesh Ameen -**Online Proposal No. SIA/KA/MIN/154785/2020** (SEIAA 164 MIN 2020).

This proposal was considered during 264<sup>th</sup> SEAC meeting and the proposal was deferred for want of Forest NOC certified by DCF wheather the project falls within the deemed forest or outside the deemed forest.

The proponent vide letter dated: 06.08.2021 submitted an endorsement from Senior Geologist along with deemed forest joint sketch. It is not whether that the project site is falls within the deemed forest or out side the deemed forest from the sketch.

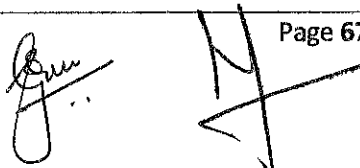
The committee decided to defer the appraisal of the project proposal till the submission of the forest NOC certified by DCF.

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

**266.65** Building Stone Quarry Project at Neladimmanahalli Village, Sira Taluk, Tumkur District (5-00 Acres) by Sri Kumaraswamy Hulekuntemut -**Online Proposal No. SIA/KA/MIN/210382/2021** (SEIAA 224 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
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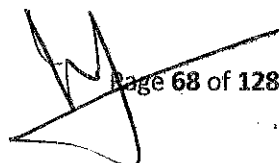


1	Name & Address of the Project Proponent	Sri Kumaraswamy Hulekuntemut S/o T.S Renukprasad, Sri Nanjundeshwara Swamy Nelaya, 15 <sup>th</sup> Cross, S. S. Puram, Tumkur, Karnataka
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" of Sri Kumaraswamy Hulekuntemut, Sy.No: 11, Neladimmanahalli Village, Sira Taluk, Tumkur District, Karnataka.
3	Type of Mineral	Building Stone Quarry"
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Kharbhu Land
6	Area in Ha	2.023 Ha
7	Annual production (metric ton /Cum) per annum	1,78,989 Tonnes/annum–Average(including waste)
8	Project Cost (Rs. In Crores)	1.67 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	10,42,995 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	1,78,989 Tonnes/annum –Average (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing ground water through check dams at Neladimmanahalli Village
	2 <sup>nd</sup>	Rain water harvesting pits to GLPS at Neladimmanahalli Village
	3 <sup>rd</sup>	Developing Infrastructure for local health center
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 <sup>th</sup>	The proponent proposes to distribute nursery plants at Neladimmanahalli village and Strengthening of approach Roads
12	EMP Budget	Rs. 15.72 lakhs (Capital Cost) & Rs. 13.15 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest and Revenue Department. The lease was notified on 01.06.2017.

There is an existing cart track road to a length of 1.03 kms connecting lease area to the all weather black topped road.

There is a discrepancy in the cluster sketch during submission of application for E.C. and the cluster sketch submitted during the appraisal of the project proposal. As per the Cluster sketch submitted during application for E.C. there are 3 leases including this lease and the total area is 18-00 acres and the project needs to be applied under B1 Category. The cluster sketch submitted during appraisal there are no other leases within the 500 meter radius from this lease area. It is observed that the agenda no. 266.57 falls in this cluster itself.

The committee decided to reconsider the appraisal of the project proposal till the submission of clarification about the cluster sketch.

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

**266.66** Expansion of Villas Project at Gunjuru Village, Varthur Hobli, Bangalore District by M/s. N.D. DEVELOPERS (P) LTD. -Online Proposal No. SIA/KA/MIS/200099/2021 (SEIAA 22 CON 2021)- Expansion

**About the project:**

1.Name of the project proponent	Mr. Avinash Agarwal, M/s. N.D. Developers (P) Ltd. #25, Sri Balaji Nilaya, 3 <sup>rd</sup> Main Road, 5 <sup>th</sup> Cross, Dollars Colony, NS palya, BTM 2 <sup>nd</sup> Stage, Bangalore-560076.
2.Name & Location of the project	Proposed Expansion of Villas Project namely N.D. Around The Mangoes At Sy.Nos.63/1(P), 64/1, 2 & 3(P), 65/1 & 2(P) & 66/5 (P) of Gunjur village, Varthur Hobli, Bangalore District.
3.Type of development	Villas project namely N.D. Around The Mangoes (Building & Construction project) Under 8(a) Category Building and Construction Projects
a) Residential/ Apartment / villas/ Row houses /office /IT/ ITES/Mall/Hotel/Hospital /others	Villas project -186 Villas + 20 EWS Units + Club house.
b) Residential township/area development projects	NA
4.New /expansion/modification /renewal	Expansion.
5.Water bodies /Nallas at the vicinity of project site	<b>Water Bodies</b> Bellandur Lake - 6.0 km towards (WNW). Chikkabellandur Lake-1.2 km (W). Kachamaranahalli lake-1.8 km (E). Gunjur Lake - 1.01 km towards (E). Saul Kere - 4.85 km towards (W). Choodasandra lake - 6.0 km towards (SW) Rayasandra Lake-7.13 km towards (SW). Gattahalli Lake-5.64 km towards (SW) VarturKere -3.39 km towards (N).
6.Plot area -Sqm	84,309.50sqm
7.Built up area -Sqm	58,766.77sqm (Existing Built-up area: 49,608.81)
8. FAR • Permissible • Proposed	2.00 0.62
9.Building configuration	

•No of blocks/Towers	Villas:			
•No of basements & Upper floors	<ul style="list-style-type: none"> <li>• 169 Villas - Ground + 1 Upper Floor</li> <li>• 7 Villas - Basement + Ground + 2 Upper Floors</li> </ul> EWS Unit Block - Ground + 3 Upper Floors Club House - Ground + 2 Upper Floors			
10. Number of Units / Plot in case of Construction / Residential Township / area development projects	Villas project – 186 Villas + 20 EWS Units + Club house.			
11. Height Clearance	NA as this is a Villa Project			
12. Project cost—Rs in crores	Rs. 145.89 Crores.(expansion: 9 Crores)			
13. Disposal of demolition waste and /or excavated earth	Total quantity of Excavated Soil earth (in cubic meter) – 8343 For Foundation = 8343 cum For basement= 0 cum For Backfilling = 5840 cum Top soil used for landscape= 2503 cum			
14. Details of Land Use (Sqm)	<b>Sl. No</b>	<b>Description</b>	<b>Area in Sqm</b>	<b>%</b>
		Site Area	84,309.50	
		Kharab Area	1,922.23	
		Road Widening	28.91	
		<b>Net Site Area for Development</b>	<b>82,358.36</b>	
	01.	Landscape Area	31,435.99	38.16
	02.	Ground Coverage	25,203.10	30.60
	03.	Civic Amenities	4156.54	5.00
	04.	Driveway & Pathway	21,562.73	26.24
		<b>Total Site Area</b>	<b>82,358.36</b>	<b>100</b>
<b>15. WATER</b>				
<b>I. Construction Phase</b>				
a. Source of Water	Tanker Water Supply			
b. Quantity of Water for construction in KLD	5 KLD			
c. Quantity of Water for domestic purpose in KLD	2.25 KLD			
d. Waste water generation in KLD	2 KLD			
e. Treatment facility proposed	Existing Sewage Treatment Plant for phase 1.			

and scheme of disposal of treated water	Treated water is used for landscaping
<b>II. Operation Phase</b>	
a. Total requirement if water in KLD	Fresh Water – 92.05 KLD Recycled Water – 47 KLD Total Water Requirement – 139.05 KLD
b. Source	BWSSB Supply
c. Waste water generation in KLD	125 KLD
d. STP capacity	135 KLD
e. Technology employed for treatment	Sequencing Batch Reactor process
f. scheme of disposal of treated water	Treated water is proposed to be used for landscaping and toilet flushing
<b>15. Infrastructure for rain Water Harvesting</b>	
a. Capacity of sump tank to store roof run off	400 KLD
b. No. of Ground Water Recharge Pits	66 Nos.
<b>17. Storm Water Management Plan</b>	The run off from the paved and the landscape Area will be directed Storm Water Collection Tanks and the overflow will be taken to recharge pits located all along the periphery of the site
<b>18. WASTE MANAGEMENT:-</b>	
a. Bio degradable waste and disposal	309 kg/day converted in to organic manure and used for garden STP sludge: 20 kg/day.
b. Non-Bio degradable waste and disposal	206 kg/day given to KSPCB authorized recycler.
c. Hazardous waste and disposal	Spent Oil will be disposed to KSPCB authorized recycler.
c. Quantity of E-waste generation and mode of disposal as per norms	Since this is a Residential Development, the quantity of E-waste generation will be less than 100 Kgs / Annum. However the same will be collect, stored and disposed off to authorized recyclers of KSPCB
<b>19. POWER</b>	
a. Total Power Requirement – Operation Phase	2020 KW
b. Number of DG Set and capacity in KVA for standby power supply	Phase-I: (160 KVA x 2 Nos. + 380 KVA x 1 No.) Phase-II: (380 KVA x 2 Nos.)
c. Details of Fuel used for the DG Set	Diesel
d. Plan for utilization of Solar Energy and compliance to Karnataka ECBC Norms	Solar Panels will be provided for individual villas
<b>20. PARKING</b>	
a. Parking Requirement as per	Parking Required : 488 Nos.

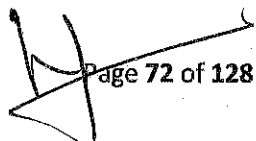
Norms	Parking Provided: 488 Nos								
b. Level of Service (LOS) of the connecting roads as per the Traffic Study Report	Existing LOS: A Modified LOS: B								
c. Internal Road Width	9M Driveway								
21.CER activities proposed	The budget for CER which is proposed to be spent on the following CER activities.								
	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Plantation in surrounding area and maintenance for three years in association with regional forest officer</td> </tr> <tr> <td>2</td> <td>Women Empowerment awareness camp in gunjur village, kachamaranahlli village, thippasandra area etc.,</td> </tr> <tr> <td>3</td> <td>Healthcare facility development in gunjur government hospital.</td> </tr> </tbody> </table>	Sl. No	Activities	1	Plantation in surrounding area and maintenance for three years in association with regional forest officer	2	Women Empowerment awareness camp in gunjur village, kachamaranahlli village, thippasandra area etc.,	3	Healthcare facility development in gunjur government hospital.
Sl. No	Activities								
1	Plantation in surrounding area and maintenance for three years in association with regional forest officer								
2	Women Empowerment awareness camp in gunjur village, kachamaranahlli village, thippasandra area etc.,								
3	Healthcare facility development in gunjur government hospital.								
22.EMP	During Operation: Capital cost- 122 lakhs Recurring cost – 20 lakhs/ annum Total Grand: 142 Lakhs.								

The proposal is for expansion of villas project. As per Revised Master Plan of BDA, the proposed land is for residential use. Earlier, EC was issued for BUA of 49,608.81Sqm for 165 villas on 03/10/2012 and now proposed to a total BUA of 58,766.77Sqm without any change in plot area. The proponent informed the committee that earlier EC has expired in 2019 and so as to carryout construction of remaining villas and additional villas, sought CCR from MoEF&CC to obtain EC for expansion.

The CCR from MoEF&CC for earlier EC was obtained on 17/08/2021. The proponent had submitted undertaking to the observations made in CCR issued by MoEF&CC and assured to comply for the same.

Committee noted the revised conceptual plan submitted by the proponent. No activity/construction to be considered in the kharab land and it should have free access to the public. Proponent clarified that no road is passing through the site and agreed to comply with the buffers to be provided for the nalas.

The baseline parameters are within the permissible limits and proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and proponent also assured to leave adequate buffer to water bodies and nalas as per norms. The committee informed the proponent to adhere to the stipulate by-laws of the governing authority for water bodies and nala buffers.



The proponent submitted the revised tree list to plant 662 nos of trees and retain 400 existing trees. Committee noted undertaking given by the proponent to install S400cum capacity RWH tanks along with 66nos of RWH pits.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.67** Building Stone Quarry Project at Sy.No.58 of Dinnehosahalli Village, Kolar Taluk & District (3-10 Acres) by Sri Nagappa -**Online Proposal No. SIA/KA/MIN/205115/2021** (SEIAA 166 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.68** Building Stone Quarry Project at Sy.No.58 of Dinnehosahalli Village, Kolar Taluk & District (1-00 Acre) by M/s. Dinnehosahalli Chowdeshwari Prisishta Jathi Bhivi Kallu Bande Karmikara Kshemabivruddi Sanga (Reg). -**Online Proposal No. SIA/KA/MIN/205059/2021** (SEIAA 167 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.69** Building Stone Quarry Project at Sy.No.02 of Danavahalli Village, Kolar Taluk & District (1-20 Acres) by Sri B.V. Rajanna -**Online Proposal No. SIA/KA/MIN/205039/2021**(SEIAA 168 MIN 2021)

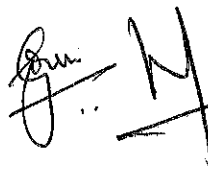
The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.70** Building Stone Quarry Project at Sy.No.02 of Danavahalli Village, Kolar Taluk & District (1-10 Acres) by Sri B.K. Muniraju -**Online Proposal No. SIA/KA/MIN/205036/2021** (SEIAA 169 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

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**266.71** Ornamental Stone Quarry Project at Sy.Nos.182/2, 182/4, 184/1 & 184/2 of Hanumapura Village, Nanjangudu Taluk, Mysuru District (4-31 Acres) by Sri Nazeer Khan -**Online Proposal No. SIA/KA/MIN/207760/2021** (SEIAA 191 MIN 2021)

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**EIA Proposals for EC**

**266.72** Development of Favorich Mega Food Park Project at Bannenahalli Village, Bookanakere Hobli, K.R.Pete Taluk, Mandya District by M/s. FAVORICH INFRA PVT. LTD. Online proposal No - **SIA/KA/MIS/59039/2020** (SEIAA 01 CON 2021)

**About the Project:-**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Dayananda Kumar, Vice President, M/s.Favorich Infra Private Limited, 05, First Floor, Embassy Square, 148, Infantry Road, Bangalore- 560001,Karnataka
2	Name & Location of the Project	Development of Favourich Mega Food Park at Bannenahalli Village, BookanakereHobli, K R Pet Taluk, Mandya District, Karnataka
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Mega food park
	b. Residential Township/ Area Development Projects	8(b) Townships and Area Development projects. Category "B"
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Bannenahalli lake - 0.015 km (W) Tonnurkere - 6.3km (E) Doddakere - 9 km (NW) Krishnarajasagar reservoir - 9.3km (S) Hemavathi river - 10 km(W) Deviramanikere – 11.4 (NW)
6	Plot Area (Sqm)	Phase I : 129.03Acres Phase II : 12.12Acres + 25.92Acres = 38.04Acres Phase III : 108.58 Acres yet to be allotted by KIADB.

7	Built Up area (Sqm)	CFE obtained from KSPCB for Built up area 19,264.80 SQM for Phase IA							
8	FAR • Permissible • Proposed	Area development project							
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	NA							
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	98 plots							
11	Project Cost (Rs. In Crores)	113.83							
12	Disposal of Demolition waste Water and or Excavated earth	NA							
13	Details of Land Use (Sqm)								
	a.	Ground Coverage Area							
	b.	Kharab Land	36988.27 (9A 14G)						
	c.	Total Green belt on Mother Earth for projects under 8(b) of the schedule of the EIA notification, 2006	431192.55 (106.55 Acres)						
	d.	Internal Roads	146253.39 (36.14 Acres)						
	e.	Paved area							
	f.	Others Specify							
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	253616.49 (62.67 Acres)						
	h.	<b>Total</b>	<b>1115,500 SQM /(275.65 Acres) / (111.55 Ha)</b>						
14	WATER								
	I.	Construction Phase							
	a.	Source of water	NA						
	b.	Quantity of water for Construction in KLD							
	c.	Quantity of water for Domestic Purpose in KLD	NA						
	d.	Waste water generation in KLD							
	e.	Treatment facility proposed and scheme of disposal of treated water	NA						
	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>1680</td> </tr> <tr> <td>Recycled</td> <td>1400</td> </tr> <tr> <td>Total</td> <td>3080</td> </tr> </table>	Fresh	1680	Recycled	1400	Total	3080
Fresh	1680								
Recycled	1400								
Total	3080								
	b.	Source of water	Hemavathi river (Permission obtained from GOK)						
	c.	Waste water generation in KLD	1560KLD						

	d.	STP capacity in KLD	200 KLD (2 CETPs - 1000 KLD and 500KLD)
	e.	Technology employed for Treatment	Fully Automatic MBR Technology
	f.	Scheme of disposal of excess treated water if any	Reuse within the Plant & Recycling, Green Belt Renewal Plant
15	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	9709Cum
	b.	No's of Ground water recharge pits	4480
16	Storm water management plan		Storm water drains will be provided along the roads
17	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	35.10 Tons per day
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1.1 Tons per day
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	0.3 kilo litre per annum
	d.	Quantity of E waste generation and mode of Disposal as per norms	
18	POWER		
	a.	Total Power Requirement - Operational Phase	40000 kVA; Source: Electricity supplied by Chamundeshwari Electricity Supply Corporate Limited. (CESCOM)
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 500 kVA will be used for standby power supply
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Favorich Infra Private Limited is committed to implementing the proposed Mega Food Park in compliance with the Energy Conservation Building Code 2017 (ECBC-2017) developed by Bureau of Energy Efficiency (BEE). ECBC prescribes minimum energy standards for commercial buildings having a connected load of 100kW or contract demand of 120 KVA and above. ECBC integrates renewable energy

		sources in building design by incorporating passive design strategies. ECBC-2017 focuses on the following components: (a) building envelope, (b) mechanical systems, including HVAC, water heating, (c) lighting, and (d) electric power and renewable energy. Although ECBC does not cover the components such as: (a) equipment that uses energy for manufacturing processes, or (b) parts of the building that use energy for manufacturing processes, Favorich encourages all the individual units to give preference to energy efficient equipment (preferably BEE 5-star rated equipment).
19	<b>PARKING</b>	
	a.	Parking Requirement as per norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report
	c.	Internal Road width (RoW)
20	Height Clearance	
21	CER Activities Proposed	
22	EMP	
		<p>NA, Area development project</p> <ol style="list-style-type: none"> <li>1. Drinking water supply</li> <li>2. Health camps and facilities\</li> <li>3. Skill development</li> <li>4. Roads &amp; Cross drains</li> <li>5. Electrification, Solar power</li> <li>6. Scientific support to farmers</li> <li>7. Rainwater harvesting, soil conservation</li> <li>8. Plantation (Avenue, community, schools, etc.)</li> </ol> <ol style="list-style-type: none"> <li>1. The impacts during the construction phase on the environment would be temporary in nature and are expected to reduce gradually on completion of the construction activities</li> <li>2. As part of the EIA study, quantification of positive and negative impacts due to operational activities on environmental attributes was carried out. Based on magnitude and significance of the impact, protective / preventive and Mitigation measures were proposed to minimize adverse impacts within the applicable standards and enhance positive impacts to increase benefits from project</li> </ol>

The proposal was deferred in the 258<sup>th</sup> SEAC meeting, by asking the proponent to incorporate buffer for nalas and water bodies as per norms. In 261<sup>st</sup> SEAC meeting Committee and recommended the proposal for issue of standard ToRs along with additional ToRs. SEIAA on 08/03/2021 issued ToRs.

Committee sought clarification with regard to developmental works taken up in phase-I. The proponent submitted detailed clarification informing that total land for development as per KIADB is 275.65Acres(11,15,515.96Sqm) out of which for phase-I in 2014, KIADB had allotted 129.03Acres(5,22,165.88Sqm) of land and subsequently KIADB in 2020 allotted 12.12Acres(49,047.89Sqm) and 25.92Acres(1,04,894.52Sqm) for development under phase-II, later on the proponent informed the committee that KIADB is yet to allot balance area of 108.58Acres for phase III.

The proponent submitted a copy of CFE for 19,264Sqm of BUA from KSPCB dated: 08/10/2015. The proponent resubmitted Conceptual plan and informed that the construction activities were carried out after receiving assistance letter for proposed project from Ministry of Food Processing Industries, GoI, letter dated:19/12/2017 for 60Acres.

The proponent submitted undertaking informing that construction activity started in 2018 for Phase IA within 60Acres of plot area, with reference to the letter of Ministry of Food Processing Industries and started constructing compound wall, buildings, quarters, water storage, ETP and STP for a total BUA of 19,055Sqm as per approved plans from KIADB, within the valid period CFE and proponent assured the committee that no construction activities are been carried out post expiry of CFE. Further the proponent explained that initially area of 60Acres under phase IA was considered for development as the project was not coming under the ambit of Item 8(a) or 8(b) to the schedule in the of EIA Notificaiion 2006, and now for the proposed project with a total area of 167.07Acres is considered for development and the total BUA is exceeding 20000Sqm, hence they have applied under 8(b) of EIA Notification for Environmental Clearance.

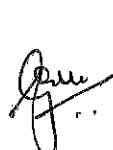

The Proponent informed that the baseline parameters are within the permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and proponent also assured to leave adequate buffer to water bodies and nalas as per norms. The committee informed the proponent to adhere to the stipulate by-laws of the governing authority for water bodies and nalas buffers.

The proponent submitted the revised tree list having total of 50680numbers of trees which are proposed to be planted for green belt development in the site area. The proponent had also submitted assurance for storm water management within the proposed 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 action.**

**266.73 Multi Storey Residential Flats Project at Betthanagere Village, Dasanapura Hobli, Bangalore North Taluk, Bangalore Urban District by M/s. RAJIVGANDHI HOUSING CORPORATION LTD. Online proposal No -SIA/KA/MIS/67169/2021(SEIAA 31 CON 2021)**

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**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Rajiv Gandhi Housing Corporation Ltd., # Cauvery Bhavan, 9 <sup>th</sup> Floor, E & F Block, K.G. Road, Bangalore-560009
2	Name & Location of the Project	Proposed Multi Storey Residential Flats Under "1 Lakh Multi Storey Bengaluru Housing Programme" at Sy.No.46, Betthanagere Village, Dasanapura Hobli, Bangalore North Taluk, Bangalore.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building Category under 8(a), Building and Construction projects
	b. Residential Township/ Area Development Projects	Residential Building
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	Total site area = 87,094.50 sqm Area reserved for future development = 14,507.82 Sqmt Site area considered for the proposed project =72,586.68 Sqmt
7	Built Up area (Sqm)	1,59,336.94 m <sup>2</sup>
	FAR	
8	<ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	5.00 1.98
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential building Total No. of Residential Units = 3,150 Nos. Residential Building configuration = Block A, B, C, D, E, F, G, H, J K, M,N, P, R : G+14 UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	3150 Units
11	Height Clearance	NOC obtained from AAI, Dated 29/03/2021

12	Project Cost (Rs. In Crores)	Rs. 300 Cr
13	Disposal of Demolition waster and or Excavated earth	NA
14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 10,549.84 Sqm (14.58%)
	b.	Kharab Land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 31,474.14 sqm (43.36%)
	d.	Internal Roads Civic amenity area is 3630.82 Sqmt (5.0%)
	e.	Paved area Parking area is about 5876.84 Sqm (8.12%), Road area is 20,848.018 Sqmt (28.08%),
	f.	Others Specify NA
	g.	Parks and Open space in case of Residential Township/ Area Development Projects --
	h.	Total 72,586.68 Sqmt
15	WATER	
	I. Construction Phase	
	a.	Source of water BWSSB STP treated water
	b.	Quantity of water for Construction in KLD 50 KLD
	c.	Quantity of water for Domestic Purpose in KLD 5 KLD
	d.	Waste water generation in KLD 4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water Mobile sewage Treatment Plant
	II. Operational Phase	
	a.	Total Requirement of Water in KLD Fresh 1137 Recycled 568 Total 1705
	b.	Source of water BWSSB/Government agencies
	c.	Waste water generation in KLD 1533 KLD
	d.	STP capacity 475 KLKD, 595 KLD & 595 KLD
	e.	Technology employed for Treatment SBR System
	f.	Scheme of disposal of excess treated water if any Excess 637 KLD treated water will be used for floor washing, for vehicle washing and will be given to avenue plantations & nearby construction activities



16	Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off
	b.	No's of Ground water recharge pits
17	Storm water management plan	
18	WASTE MANAGEMENT	
	I.	Construction Phase
	a.	Quantity of Solid waste generation and mode of Disposal as per norms
	II.	Operational Phase
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms
	d.	Quantity of E waste generation and mode of Disposal as per norms
19	POWER	
	a.	Total Power Requirement - Operational Phase
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply
	c.	Details of Fuel used for DG Set
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines
20	PARKING	
	a.	Parking Requirement as per norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report

	c.	Internal Road width (RoW)	8 mts
21	CER Activities Proposed		The goal of the proposed project is to provide shelter for economically weaker section of the society and it is a government project and it is equivalent to CER activities
22	EMP		Capital investment
	• Construction phase		30.0 Lakh
	• Operation Phase		40.5 Lakhs/annum
			Capital investment
			375.0 lakhs
			42.0 Lakhs/annum

The proposal is for construction of residential apartments in BDA limits. As per BDA Revised Master Plan the proposed area is earmarked for residential use.

Committee noted the revised conceptual plan submitted by proponent showing entry and exit. Proponent informed that as per BDA Revised Master Plan, 24mtrs wide road is proposed in the middle of the plot and informed that, in the revised conceptual plan they have provided 24mtr wide road as per CDP along with entry and exits and with suitable buffers for building per norms.

The baseline parameters are within the permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits. Proponent assured to leave adequate buffer to water bodies and nalas as per norms and use excavated earth within the proposed project area. Proponent to provide drainage facility for run off during rainy seasons and connect to main drain on side the premises. The proposed to plant 905 numbers of trees in the project area.

Committee noted height clearance certificate issued by AAI dated 29/03/2021.

The committee decided to recommend the proposal to SEIAA for issue of EC.

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

#### Deferred EIA Proposals for EC

**266.74** Establishment of Industrial Area Project at Immavu & Thandavapura Village, Nanjangud Taluk, Mysore by KIADB - NANJANAGUDU- MYSORE Online proposal No SIA/KA/MIN/21240/2017 (SEIAA 24 IND 2017)

#### **About the Project:**

Sl. No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Karnataka Industrial Area Development Board (KIADB)
2	Name & Location of the project:	Proposed Immavu and Thandya phase-II industrial estate. Located at Immavu and Thandavapura village, Nanjangud industrial area, Nanjangud taluk, Mysore District, Karnataka.

Sl. No.	PARTICULARS	INFORMATION
3	New /expansion/modification / product mix change:	New.
4	Plot Area	Total area: 1149.21 Acre. Immavu: 500 Acre and Thandya phase-II: 649.21 Acre.
5	Project Cost	189.80 Crores.
6	Component of development:	Development of Red Category Industrial Area with all infrastructure facilities for the entrepreneurs.
7	Source of water - operational phase:	Kabini River.  About 19300 KLD (5 MGD) of surface water from Kabini river is sanctioned for the Nanjangud industrial area by irrigation department vide letter no. ID 108 IFY 91 dated 03.09.1991.
8	Total Water Requirement (Domestic + Industrial) in KLD	5212 KLD.
	Fresh Water in KLD	2960.2 KLD.
	Recycled water in KLD	2251.8 KLD
9	Total waste water generation in KLD	833.6 KLD
10	Total effluents generation in KLD	2251.8 KLD
11	Scheme of disposal of excess treated water	Treated effluent will be reused by individual industries to reduce fresh water consumption.  Treated water from STP will be used for plantation and green belt purpose.
12	ETP Capacity	Expected capacity: 3000 KLD, ZLD system is proposed.
13	STP Capacity	1000 KLD
14	Waste Generation & its Disposal	
	Solid Waste	Waste generated during development of industrial area will be reused for back filling/filling the low lying areas.
	Hazardous Waste	Other category of waste viz. hazardous, solid waste generated during the operational of the individual industries, industries will be appraised to obtain and comply with the authorization issued by KSPCB for different categories of waste in respective rules.
15	Green Belt Coverage - % of total area	274.19 Acre (23%). – 15 meters allround the project site.  In addition, KIADB will direct individual entrepreneurs to have green belt in their respective allotted plots to maintain overall green belt of 33% of the industrial estate.

Sl. No.	PARTICULARS	INFORMATION
16	EMP	a. Air pollution control: 2 Crore b. Water pollution control: 10 Crore c. Solid waste management: 4 Crore d. Environmental pollution monitoring: 10 lakhs e. Plantation and gardening program: 1 Crore f. Rainwater system: 90 lakhs <b>Total: 18 Crore</b>
17	CER Activities Proposed	(i) Potable drinking water facilities like construction of water tanks at village level) (ii) Development of infrastructure & sanitation facilities (public toilets etc.) (iii) Health camps & health awareness programmes (iv) Education & skill development (vocational training) (v) Agriculture livelihood enhancement activities (vi) Electrification with solar powers (vii) Plantation developments (avenue & community areas)

This project was deferred during 264<sup>th</sup> SEAC Meeting for want of the PPT and baseline data lab reports.


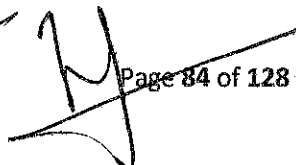
The proponent submitted EIA Report on 08.03.2021 based on the ToRs issued on 03.04.2018.

This Proposal is for development of Red Category industrial area mainly comprises of Pharmaceutical, Foundaries, Paint, Food and Soft Drinks, Food and Fruit Processing, Distilleries, Cotton Textile etc. The public hearing was conducted on 06.01.2020. Committee observed that there are some complaints with regard to improper disposal of the sewage and effluent from the existing Phase-I. The employment opportunities are not given to the land owners of the Phase-I industrial area. The proponent also submitted point wise compliance to all these issued and also other general issues raised by the public during public hearing. Committee observed that no provision is made for CETP, which is necessary for projects under red category.

It is observed that the proposed industrial area is at a distance of 1 km from Tandya and 2.5 km from Immavu Village to Kabini River.

The committee after discussion decided to reconsidered the proposal after submission of commitment about CETP and Revised EMP incorporating CETP & ZLD

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


  
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**266.75 Bulk Drugs & Intermediates Manufacturing Unit Project at Naubad Industrial Area, Bidar Taluk & District by M/s. Vijeta Industries, Plot No.11-A & 11-B, Nwebad Industries Area, Bidar – 585403**  
**Online proposal No - SIA/KA/IND2/206925/2021 (SEIAA 42 IND 2021)**

**About the Project:**


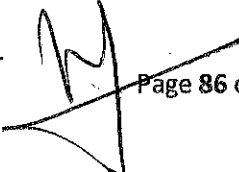
Sl. No	PARTICULARS	INFORMATION
1	Name of the project proponent:	<b>Sri. Prathamesh</b>
2	Name & Location of the project:	<b>M/s. Vijeta Industries, Plot No.11-A &amp; 11-B, Naubad Industrial Area, Bidar Taluk &amp; District, Karnataka - 585402</b>
3	New /expansion/modification / product mix change:	Expansion under category 5(f)
4	Plot Area	8,514 sqm (2.10 Acre)
5	Built Up Area	1184.20 sqm (13.91 % - Ground coverage area)
6	Project Cost	5 Crores.
7	Component of development:	Distillation of spent solvents, manufacture of poly Aluminium chloride, Solid Alum and Liquid Alum, Bulk Drugs and Intermediates Manufacturing Unit
8	Source of water -operational phase:	KIADB
9	Total Water Requirement (Domestic + Industrial) in KLD	86.60 KLD
	Fresh Water in KLD	83.80 KLD.
	Recycled water in KLD	2.80 KLD
10	Total wastewater generation in KLD	18.80 KLD
11	Total effluents generation in KLD	17.0 KLD
12	Scheme of disposal of excess treated water	Domestic wastewater will be treated and used for gardening. Effluent will be handed over to CETP
13	STP Capacity	10 KLD
14	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
15	Green Belt Coverage - % of total area	2837.72 sqm (33.33%)
16	EMP	Air Pollution Control – 12 Lakh Water Pollution Control – 12.50 Lakh Green Belt Development-2.5 Lakh Occupational Health and Safety-3 Lakh Solid and Hazardous Waste Management – 10 Lakh Monitoring- 8.50 Lakh Environmental Audit – 3.0 Lakh  Total-51.50 Lakh

17	CER Activities Proposed	1) Drinking water / sanitation Infrastructure at Naubad Village 2) Environment, Health and Safety 3) Education – Smart classroom at Naubad Govt High School, Bidar
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**Product details**

Sl. No	Product Name	Production Capacity in TPM	Therapeutic Usage
<b>Existing Products</b>			
1	Distillation of spent solvent	900	--
2	Poly Aluminium chloride	4.0	--
3	Alum solid & liquid	450.0	--
<b>Proposed Products</b>			
4	1-(2-Methoxy Phenyl) Piperazine HCl	5.0	--
5	N- Methyl Naphthyl Methyl Amine Hydrochloride (NMHCl)	3.0	--
6	N- Methyl Naphthyl Methyl Amine Base (NMB)	4.5	--
7	Cis-2-(Bromomethyl)-2-(2,4- dichlorophenyl)-1,3-dioxolane-4-ylmethyl benzoate)	5.0	--
8	Metronidazole	3.5	Used against Infections
9	Aceclofinac	4.0	Used to relieve Pain
10	Levetiracetam	2.0	Used to treat Epilepsy
11	Diclofenac Sodium	5.0	Anti-inflammatory drug
12	Zinc Picolinate	5.0	Used as Zinc Supplement
13	Zinc Pyrithione	5.0	Antibacterial, Antimicrobial, and Antifungal
14	Copper Pyrithione	7.5	Antibacterial and Antifungal
<b>TOTAL (3 products)</b>		<b>1403.50</b>	

Note: Serial no 1-3 existing products 1354 TPM and proposed Serial no 4-14 (11products) bulk drug & intermediates of 49.5 TPM. Out of total Proposed 11 products 3 to 4 products will be manufactured at any given point of time.



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**LIST OF BY-PRODUCTS AND ITS QUANTITIES**

Sl. No	Name of the product	Name of the Bi-product	Quantity in Kg/Batch
1	N- Methyl Naphthyl Methyl Amine Base (NMB)	Sodium acetate solution	920
2	N- Methyl Naphthyl Methyl Amine Base (NMB)	Sodium acetate solution	920
3	Cis-2-(Bromomethyl)-2-(2,4-dichlorophenyl)-1,3-dioxolane-4- ylmethyl benzoate)	Ammonium Bromide solution	590
4			

**Note:** The quantity of By-products based on respective products being manufactured.

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

Sl. No	Name of the Gas	Quantity in Kg/Day	Treatment Method
1	Hydrogen Chloride	8	Scrubbed using water media
2	Carbon Dioxide	0.5	Dispersed into the atmosphere

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

Sl. No	Category of the HW	Name of the Hazardous Waste	Quantity in TPA	Disposal Method
1.	36.2	Spent Carbon, Ceilite, Hyflow and Charcoal	1.98	Collection, storage, transportation, and incineration at Cement plants
2.	36.1	Organic Residue (solvent distillation)	125.23	Collection, storage, transportation and Co processing at Cement plants
3.	36.1	Spent Solvent	142.10	Collection, storage, transportation and disposal to KSPCB authorized recyclers.
4.	21.2	Sludge generated from cleaning of chemical Storage Tank	2	Collection, Storage, transportation to reprocesses to KSPCB approved re-processor/end users
5.	5.1	Used Oil	0.3	Collection storage, transportation and sold to MOEF/KSPCB approved registered reprocesses.
6.	35.3	ETP Sludge	7.3	Collection, storage, transportation, disposal by sending to land filling site of TSDF
7.	33.1	Empty Drums of	1200	Collection, Storage,

		Chemical containing Traces		Decontamination or, Sale to KSPCB approved facility.
8.	--	Battery	10	Replacement by manufacturer.
9.	--	Fly ash	205	Collection, Storage, transportation and send to brick manufacturers

The Ministry has recently issued an Office Memorandum dated 28.01.2021 which inter-alia stated SEAC to clearly recommend the permissible pollution load i.e., quantity and quality, including composition of emissions, discharge and solid waste generation. In compliance to this OM, proponent has submitted the following pollution load information and the SEAC deliberated on the issue.

Kg per day												
EFFLUENT WATER								SOLID WASTE				
Water input	Water in Effluent	Organics in effluents	TDS	COD	HTDS	LTDS	Total Effluent	Organic	In Organic	Spent carbon	Process Emission	Distillation residue
6952	10355	1.49	144.67	2.64	3764.4	6590	10355	750	200	0.023	8.5	70

#### HAZARDOUS SOLID WASTE DETAILS


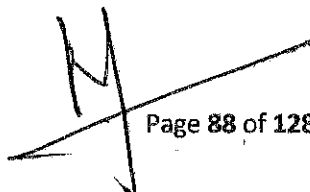
Organic solid waste	Inorganic solid waste	Spent Carbon	Distillation Residue
Kg/day	Kg/day	Kg/day	Kg/day
750	200	0.023	70.50

#### EMISSION DETAILS

Kg/day			
HCl	CO <sub>2</sub>	H <sub>2</sub>	N <sub>2</sub>
8	0.5	-	-

The committee after discussion decided to recommend the proposal for issue of Environmental Clearance.

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



**266.76 Expansion of Super Speciality Hospital Project PKTB Sanitarium Hospital Premises, Maragondanahalli Village, KRS Road, Mysure Taluk & District by Mysore Medical College & Research Institute -Mysure Online proposal No - SIA/KA/MIS/221568/2021 (SEIAA 89 CON 2021)-Expansion**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Dr. C. P. Nanjaraj, Director and Dean Mysore Medical College & Research Institute, Mysure – 570001
2	Name & Location of the Project	Construction of additional facility of Kitchen & Laundry in the premises of 220 Bedded Mysuru Super Speciality Hospital by Mysore Medical College & Research Institute, Medical Education Department, Govt. of Karnataka at Survey No. 4947, PKTB Sanatorium Hospital Premises, Maragondanahalli village, KRS Road, Mysure 570002.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Expansion Project 8 (a) of Schedule [Under Building Construction Projects] of EIA Notification Dated 14th September 2006. Construction (B2) – Hospital Project Total 220 Bedded Super Speciality Hospital
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Nala present in the vicinity of the project site
6	Plot Area (Sqm)	Total plot area is 54766 SQM
7	Built Up area (Sqm)	220 Bedded Super Speciality Hospital Built up area -19,683.11 SQM Proposed Kitchen and Laundry Built up area - 1652.68 SQM Total Built up area proposed for EC – 21335.79 SQM
8	FAR • Permissible • Proposed	2.50 0.39
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with	Existing Hospital Building Configuration - LGF+ UGF+3 UF + Terrace.

	Numbers of Basements and Upper Floors]	Building height from LGF- 21.75 meters and UGF - 17.1 meters. Now the expansion project involves in construction of Kitchen and Laundry with an Built up area 1652.68 Sq.m
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Total 220 Bedded Super Speciality Hospital
11	Height Clearance	- NA-
12	Project Cost (Rs. In Crores)	Rs. 171.79 Crores (for both existing & expansion)
13	Disposal of Demolition waster and or Excavated earth	The existing PKTB Sanatorium Kitchen Building and Quarters will be demolished. The total demolition waste of 600 Cum will be reused for filling low laying area near LETP within proposed project site.
14	Details of Land Use (Sq.m)	
	a.	Ground Coverage Area Permissible Coverage – 45 % Coverage Achieved – 9.6 %
	b.	Kharab Land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 Green belt area - 17804.44 SQM (32.51 %)
	d.	Internal Roads Road and paved area 16662.5 (30.42 %)
	e.	Paved area
	f.	Others Specify -
	g.	Parks and Open space in case of Residential Township/ Area Development Projects Open Parking Area - 7628.1298 (13.93 %) Other Open Spaces - 2195.03 (4.01 %)
	h.	Total Total Plot Area of 54766.00 SQM
15	WATER	
	I.	Construction Phase
	a.	Source of water Private water tankers
	b.	Quantity of water for Construction in KLD 10 KLD
	c.	Quantity of water for Domestic Purpose in KLD 0.75 KLD - for the proposed labour camp
	d.	Waste water generation in KLD 0.675 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water The generated waste water from labour camps will be connected to Mysuru City Corporation underground sewer line.
	II.	Operational Phase
	a.	Total Requirement of Water in KLD Fresh 118 Recycled 57 Total 175
	b.	Source of water Mysore City Corporation [MCC]
	c.	Waste water generation in KLD 157.5 KLD

	d.	STP capacity	160 KLD (Liquid Effluent Treatment Plant)
	e.	Technology employed for Treatment	Disinfection of liquid bio-medical waste followed by SBR Technology for domestic sewage
	f.	Scheme of disposal of excess treated water if any	No excess treated sewage generated
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	NA
	b.	No's of Ground water recharge pits	27 Nos.
17	Storm water management plan		Storm water management plan is adopted, to recharge ground water 27 Nos of recharge pits will be provided.
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No. of labours: 10 Nos. (@ 0.25 Kg/day/person) Solid waste generation= 10X 0.25 =2.5 Kgs/day which will be handed over to Mysuru City Corporation.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Total 700 Kg/day of Solid Waste will be generated from the whole project. Organic Waste will be converted into compost through the Organic waste converter installed within the project premises and will be utilized as organic manure for the plants. Inorganic waste will be segregated into Dry and Reject Waste. Dry waste will be sold to recyclers and Reject waste will be disposed to authorized disposal agency.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Total 85 Kg/day Bio-medical waste will be segregated using colour coded bins (Yellow, Red, White and Blue) and disposed off to KSPCB authorized agencies for safe disposal.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used Oil from D.G. Sets will be stored in leak proof sealed barrels and will be given to KSPCB authorized repressors / re-cyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	-NA-
19	POWER		
	a.	Total Power Requirement - Operational Phase	The total maximum load demand for the proposed project during operational phase is 1270 KVA (Chamundeshwari Electricity Supply Corporation Limited)
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1x500 KVA , 1x750 KVA DG Sets
	c.	Details of Fuel used for DG Set	HSD for DG sets with low Sulphur content <0.05%. This used oil will be handed over to

		authorized recyclers.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines Conservation of energy through solar system is used for generation of hot water supply. Combination of solar heating + energy efficient heat pumps will be installed for hot water system. Proposed with LED Light Fixture, VFD proposed for HVAC System (Chiller and AHU) and by providing BMS for controlling & monitoring HVAC and monitoring of other equipment conserve energy by min of 25%.
20	PARKING	
	a.	Parking Requirement as per norms The required Car Parking for the proposed Hospital is about 433 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report The present level of service will remain "A & B" along KRS Road respectively.
	c.	Internal Road width (RoW) 8 m
21	CER Activities Proposed Government of Karnataka project	
22	EMP • Construction phase • Operation Phase Capital Investment – 10 Lakhs Recurring Cost Per Year - 32 Lakhs	

The proposal is for expansion in Super Specialty Hospital by constructing additional facility for Kitchen and Laundry units. The proponent had submitted a copy of CFE from KSPCB dated 07/07/2021 for a total built up area of 19683.11Sqmts for construction of 220 bedded Super Specialty Hospital.

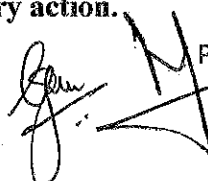
The proponent submitted clarification for generation and handling of biomedical waste and informed that total biomedical waste generated is estimated to be 85kg/day and will handed over to KSPCB authorized agencies for further process and regarding radioactive waste the proponent informed that there is no generation of radioactive waste in the proposed hospital.

Further the Proponent informed that the baseline parameters are within the permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and proponent also assured to leave adequate buffer to water bodies and nalas as per norms. The committee informed the proponent to adhere to the stipulate by-laws of the governing authority for water bodies and nala buffers and also to plant 680numbers of trees in the proposed project area.

The committee asked clarification for the existing buildings in the submitted conceptual plan. The proponent resubmitted the conceptual plan along with debris management, and informed that they had proposed for demolition of existing buildings and assured to manage the demolition debris within the proposed site 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.**

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**266.77** Proposed Residential Apartment Project at Doddabettahalli Village, Yelhanka Hobli, Bangalore North Taluk, Bangalore Urban District by M/s Dhruvabera Developers Pvt. Ltd., - Online proposal No SIA/KA/MIS/146369/2020 (SEIAA 59 CON 2020) – Change of name of project as M/s. NVG Projects Pvt. Ltd.

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. N V Gowda, Managing Director, M/s. NVG Projects Private Limited, #1135, 1 <sup>st</sup> Floor, MIG II stage, 16 <sup>th</sup> B Cross, Near Yelhanka New Town Bus Stand, Yelhanka Newtown, Bangalore-560064
2	Name & Location of the Project	Proposed Residential Apartment project by M/s. NVGProjects Private Limited., at Sy No.13/6 & 13/7 of Doddabettahalli Village, Yelhanka Hobli, Bangalore North Taluk, Bangalore Urban District
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Apartment under category 8(a) Building and construction projects
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Vaderahalli Pond –0.40 kms (S) Shamarajapura Lake - 0.80 Kms (W)
6	Plot Area (Sqm)	21,245.81 sq.m
7	Built Up area (Sqm)	78,661.73 sq.m.
8	FAR • Permissible • Proposed	2.50 2.49
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential ApartmentProject comprising of 7 wings, each wings having 1Basement Floor+ 1 Ground Floor + 6Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	538 Units
11	Height Clearance	As per CCZM of Bangalore, permissible top elevation is 1065m AMSL and the proposed top elevation of 944.5m AMSL
12	Project Cost (Rs. In Crores)	Rs. 157.0 Cr.
13	Disposal of Demolition waster and or	Total quantity of Excavated earth

	Excavated earth	(in cubic meter) – 66,172.48 For back filling for footings= 33,086.24 For Site filling = 13,624.58 For back filling for Retaining wall= 8,440.10 For Landscape= 4,055.89 For Internal Road making = 6,965.67	
14	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	6,553.95 sq.m (32.48 %)
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,658.91 sq.m (33.00%)
	d.	Internal Roads	6,965.67 Sq.m (34.52%)
	e.	Paved area	--
	f.	Others Specify	--
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	20,178.53 sq.m. (Net Site Area)
15	WATER		
	I.	Construction Phase	
	a.	Source of water	From Nearby treated water suppliers
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 111.20
			Recycled 143.01+121.05
			Total 375.26
	b.	Source of water	Hosakote plananing Authority
	c.	Waste water generation in KLD	356.49 KLD
	d.	STP capacity	420 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	354 cu.m.
	b.	No's of Ground water recharge pits	20 Nos.

17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	<b>WASTE MANAGEMENT</b>	
	<b>I. Construction Phase</b>	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
	<b>II. Operational Phase</b>	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms 645.60 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms 430.40 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms E-waste generation will be very less
19	<b>POWER</b>	
	a.	Total Power Requirement - Operational Phase 2500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply 1 X1250 kVA +1 X1250 kVA
	c.	Details of Fuel used for DG Set HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 <ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 1,00,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 350kWH x 30 x 8 Months = 84,000kWH</li> <li>• In monsoon season 150 kWh x 30 x 4 Months = 18,000 kWh</li> <li>• Total SPV Power Generation in a year = 1.02 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 1.00+ 1.02 L KWH = 2.02L / Annum .....(c)</li> <li>• Total energy savings = 27.67%</li> </ul>
20	<b>PARKING</b>	
	a.	Parking Requirement as per norms Parking Provided is 561 Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the SH 35 – Byalakere road

	connecting Roads as per the Traffic Study Report	-LOS - B
c.	Internal Road width (RoW)	6.00m
21	CER Activities Proposed	
	CER Action Plan: Under CER we have proposed 5 years for the CER activities (Greenfield project - 1.5% of project cost - >100 crores):	
	Year	Corporate Environmental Responsibility (CER)
	1st	Rain Water Harvesting in Schools and colleges
	2 <sup>nd</sup>	Avenue planation and planation in community places
	3 <sup>rd</sup>	Solar Panels Provision in nearby community places
	4 <sup>th</sup>	Drinking Water and Sanitation facility supply in nearby community places
	5 <sup>th</sup>	Health camp in nearby community places
22	EMP (Construction & Operation)	
	<b>Operation Phase</b>	<b>Construction Phase</b>
	Recurring Cost Per Annum = 89.95 lakhs	Recurring Cost Per Annum = 16.00 lakhs
	Capital Cost = 400.0 lakhs	Capital Cost = 52.60 lakhs

The proposal was initially taken in 247<sup>th</sup> and 248<sup>th</sup> SEAC meeting where the committee decided to defer the appraisal as the proponent remained absent without intimation for both the meetings and the committee in 248<sup>th</sup> SEAC meeting based on the merit of project decided to give one more opportunity for appraisal of the project.

The proponent in the present meeting had requested the committee under the Companies Act 2013 and submitted a Memorandum of Association of Company Limited for changing the name to M/s. NVG Projects Private Limited from M/s Dhruvabera Developers Pvt. Ltd. and informed that there was no change in BUA or configuration of proposed project.

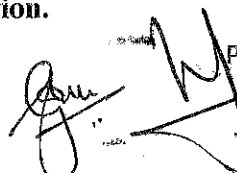
The proponent informed that the proposed project is in BDA limits and earmarked for residential use.

Further the Proponent informed that the baseline parameters are within the permissible limits and committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits. Proponent assured to leave adequate buffer to water bodies/nalas as per norms and also proposed to plant 265 numbers of trees in the project area. The committee informed the proponent to adhere to the stipulate by-laws of the governing authority for water bodies and nala buffers.

The proponent has submitted the clarification for height clearance with respect to CCZM of Bangalore stating that permissible top elevation is 1065m AMSL and the proposed project is having a top elevation of 944.5m AMSL and also submitted the undertaking for use of CNG as alternate fuel for the proposed project.

The committee 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.**

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**266.78 Residential Apartment Project at Konadasapura Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Mista Infra Pvt. Ltd. - Online proposal No. SIA/KA/MIN/210099/2021 (SEIAA 86 CON 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Mista Infra Pvt. Ltd., B1109, 11 <sup>th</sup> floor Tower B, Brigade Signature Tower, Old Madras Road, Bangalore – 562 129
2	Name & Location of the Project	“Mista Sri City” Survey No. 2/6 of Konadasapura Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore
3	Type of development	
A	Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other	Mixed Use Development Project consisting of Residential apartment, Office and Hostel. under category 8(a), Building and Construction projects
B	Residential Township/ Area Development Projects	Not Applicable.
4	New / Expansion / Modification	New
a.	Water bodies/Nalas in the vicinity of the project site	<ul style="list-style-type: none"> <li>• Konadasapura Lake - adjacent to project site towards East direction</li> <li>• Chikkabanahalli lake on South at 2.5 Km</li> <li>• Yellamallappachetty Lake - on South West at 3.5 km</li> </ul> <p>Project site is located adjacent to Konadasapura Lake on east / south east direction and as per statutory requirement 30 m buffer zone is earmarked as no development zone and landscape will be developed in this area.</p> <p>15 m buffer on either side of the feeder canal (nala) from the centre of the nala will be left as no development zone. Nala is diverted as per permission obtained from government.</p>
5	Plot Area (Sqm)	16,389.78 sq m (4 Acres 2 Guntas)
6	Built Up area (Sqm)	91,281.26 sq m
7	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• proposed</li> </ul>	3.25 3.17
8	Building Configuration [Number of Blocks/ Towers/ Wings etc.,	The project consists of 3 Towers viz., <ul style="list-style-type: none"> <li>• Tower-1 (Mista 1377 Residential) – 5B + G +</li> </ul>

	with Numbers of Basements and Upper Floors]	<p>51 UF + Terrace (250 units)</p> <ul style="list-style-type: none"> <li>• Tower-2 (Mista CO LAB - Office) - 5B + G+ M + 42 UF + Terrace</li> <li>• Tower-3 (Mista COVE - M Hostel) - 5B + G+ M + 48 UF + 48th Mezzanine floor + 49th Floor + Terrace (564 Rooms)</li> </ul>	
9	Number of units in case of Construction /Residential township / Area development projects	Residential flats – 250 Units Hostel rooms – 564 numbers	
10	Number of Plots in case of Residential Township/ Area Development Projects	Residential flats – 250 Units Hostel rooms – 564 numbers	
11	Height clearance	AAI NoC is obtained, dated 19/03/2021	
12	Project Cost (Rs. In crores)	Rs. 221.00	
13	Disposal of demolition waste and or excavated earth	<p>Construction debris of 100 cum will be used for road formation activities in the project site.</p> <p>The proposed project is Mixed Use Development project having Five basement floors and earth excavation is necessary. There is natural average level difference of about 2 m in the basement excavation area. The total quantity of excavated soil is about 76,000 cum, out of it about 31,000 cum will be used for landscape development, about 27,000 cum will be used for backfilling, about 5,000 cum will be used for paved area with in the project site and 13,000 cum will be use used preparation of soil cement blocks which will be used for construction of workers shed, compound wall etc.,</p>	
14	Details of Land Use (Sqm)		
	a	Ground Coverage Area	2,384.35 sq m
	b	Kharab Land	13 Guntas
	c	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	10,128.00 sq m
	d	Internal Roads	-
	e	Paved area	3,328.45 sq m
	f	Others Specify	-
	g	Parks and Open space in case of Residential Township/ Area	-

	Development Projects		
h	Total	16,389.78 sq m	
15	WATER		
I	Construction Phase		
a	Source of water	Tertiary treated water	
b	Quantity of water for Construction in KLD	20 KLD	
c	Quantity of water for Domestic Purpose of KLD	20 KLD (Sourced from BWSSB)	
d	Waste water generation in KLD	18 KLD	
e	Treatment facility proposed and scheme of disposal of treated water	The wastewater generated of capacity 18 KLD will be treated in package sewage treatment plant of 20 KLD capacity.	
II.	Operational Phase		
a	Total Requirement of Water in KLD	Fresh	332 KLD
		Recycled	185 KLD
		Total	517 KLD
b	Source of water	Doddabanhalli Grama Panchayat and Borewell sources	
c	Waste water generation in KLD	466 KLD	
d	STP capacity	500 KLD	
e	Technology employed for Treatment	Sequencing batch reactor	
f	Scheme of disposal of excess treated water if any	The treated sewage in the project will be recycled for Toilet Flushing, reused for landscape and AC cooling tower make up.	
16	Infrastructure for Rain water harvesting		
a	Capacity of sump tank to store Roof run off	Rain water storage sump of 130 cum capacity will be constructed to collect the rain water and will be reused for domestic purposes.	
b	No's of Ground water recharge pits	25 recharge pits	
17	Storm water management plan	Appended in the report	
18	WASTE MANAGEMENT		
I	Construction Phase		
a	Quantity of Solid waste generation and mode of Disposal as per norms	Total solid waste generated during the construction phase will be 50 kg/day. It will be segregated and collected at a common designated place and will be handed over to BBMP for final disposal	
II	Operational Phase		

	a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1376 Kg/day will be treated in an organic converter.
	b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	918 Kg/day will be handed over to recyclers.
	c	Quantity of Hazardous Waste generation and mod of Disposal as per norms	1000 Litres/annum will be disposed to KSPCB approved and CPCB register waste oil re-processors.
	d	Quantity of E waste generation and mode of Disposal as per norms	NA
19	POWER		
	a	Total Power Requirement – Operational phase	3,000 kW will be supplied from BESCO
	b	Number of DG set and capacity in KVA for Standby Power Supply	2 x 320 kVA and 2 x 750 kVA capacity DG sets
	c	Details of Fuel used for DG Set	Ultra-Pure Low Sulphur Content Diesel
	d	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	Details appended
20	PARKING		
	a	Parking Requirement as per norms	808 cars
	b	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS 'B' for Bangalore – Tirupati Highway in front of the project site for vehicles moving towards Hoskote and KR Puram.
	c	Internal Road width (RoW)	8 m wide fire drives are proposed.
21	CER activities proposed		<ul style="list-style-type: none"> <li>• An amount of Rs. 9,00,000/- (Rupees Nine Lakhs only) is earmarked for development and maintenance of Konadasapura lake and</li> <li>• An amount of Rs. 3,00,000/- (Rupees Three Lakhs only) is earmarked for providing computers, books for Government school children in the limits of Doddabanahalli Grama Panchayath.</li> </ul>
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation phase</li> </ul>		<ul style="list-style-type: none"> <li>• Capital cost for Construction phase – Rs. 155.1 Lakhs</li> <li>• Capital cost for Operation phase – Rs. 66 Lakhs</li> </ul>

In the 265<sup>th</sup> meeting, proponent was asked to modify the conceptual plan by providing buffers to the nalas and subject was deferred.

The committee considered the revised conceptual plan showing the rerouted nala in southern portion with a buffer of 15mtrs and a buffer of 30mtrs to water body in eastern portion as per bylaws, which is as per orders of D.C. Bangalore District Dt:20-12-2017. The proposed project is in BDA limits and area proposed is for Mixed use Development as per Revised Master Plan of BDA.

Committee noted clarifications informing that, as per village map an extent of 12 Guntas of A Kharab is regularized by DC Bangalore District letter dated 04/12/2008 after remitting a prescribed statutory fee to GoK, proponent assured the committee, by incorporating the A-Kharab area in the conceptual plan and to maintain the same in the proposed project area.

The baseline parameters are within the permissible limits proponent assured to take precautionary measures during and after construction to maintain all the environmental parameters within permissible limits and proponent also assured the Committee to leave adequate buffer to water bodies and nalas as per norms in the proposed area or in the vicinity of the project and adhere to all the bylaws stipulated by concerned authority for proposed construction and entire excavated earth within the project area. Proponent also proposed to plant 210 numbers of trees in the project area. The committee informed the proponent to follow the stipulate by-laws of the governing authority for water bodies and nala buffers for which the proponent agreed.

Proponent has submitted the NOC for height clearance obtained from Airports Authority of India dated 19/03/2021 and assured that proposed height of building will be within the permissible limits as prescribed by AAI.

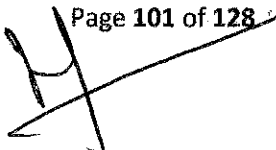
The committee decided to recommend the proposal to SEIAA for issue of EC.

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

**266.79 Building Stone Quarry Project at Chimkoda Village, Bidar Taluk, Bidar District (1-00 Acre) (0.40 Ha) by Sri Shivsharanappa - Online proposal No SIA/KA/MIN/218630/2021 (SEIAA 295 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Shivsharanappa S/o Bhimarao Patil, LIG 40, KHB Colony Bidar, Karnataka- 585401
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Shivsharanappa, Sy.No.46/4, Chimkoda Village, Bidar Taluk, Bidar District, Karnataka
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New



5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	0.404 Ha
7	Annual production (metric ton /Cum) per annum	10,000 Tonnes/annum (including waste)
8	Project Cost (Rs. In Crores)	27.5 Lakhs
9	Proved quantity of mine/quarry- Cu.m/Tons	64,961 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	10,000 Tonnes/annum (including waste)
11	CER Action Plan: Construction of Stone masonry Check Dam against seasonal Nalla located around- 0.375 KM towards East.	
12	EMP Budget	Rs. 1.87 lakhs (Capital Cost) & Rs. 6.30 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department & obtained land conversion order. The lease was notified on 29.05.2019.

There is an existing cart track road to a length of 450 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are no other leases within 500 meter radius from the lease area. The area of the subject lease is 1-00 Acre 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 64,961 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 10,400 tonnes/annum (including waste).

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

**266.80 Building Stone Quarry Project at Vanahalli Village, Shiggaon Taluk, Haveri District (1-00 Acre) by Sri Arjun Giddappa Hanchinamani - Online proposal No SIA/KA/MIN/220896/2021 (SEIAA 327 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Arjun Giddappa Hanchinamani, Hanchinamani, Jaynagar Vaddar lane, Shiggaon, Haveri, Karnataka

2	Name & Location of the Project	"Building Stone Quarry" of Sri. Arjun Giddappa Hanchinamani, at Sy.No.22/11/A & 22/11/B, Vanahalli Village, Shiggaon Taluk, Haveri District, Karnataka
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	0.404 Ha
7	Annual production (metric ton /Cum) per annum	31,579 Tonnes/annum (including waste)
8	Project Cost (Rs. In Crores)	1.05 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	2,91,471 tons (including waste)
10	permitted quantity per annum-Cu.m/Ton	31,579 Tonnes/annum (including waste)
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>	Cleaning out and deepening of Kamanhalli pond
	4 <sup>th</sup>	Scientific support and awareness to local farmers to increase yield of crop and fodder
	5 <sup>th</sup>	Health camp in nearby community places
12	EMP Budget	Rs. 5.79lakhs (Capital Cost) & Rs. 7.35 lakhs (Recurring cost)

The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order on 08.05.2020. The lease was notified on 11.06.2021.

There is an existing cart track road to a length of 560 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are no other leases within 500 meter radius from the lease area. The area of the subject lease is 1-00 Acre 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 2,91,471 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 SEIAA for issue of Environmental Clearance for an annual production of 31,579 tonnes/annum (including waste).

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

**266.81 Building Stone Quarry Project at Yaragatti Village, Savadatti Taluk, Belagavi District (5-00 Acres) by Smt. Jyoti Vijay Metgud -Online proposal No.SIA/KA/MIN/220883/2021 (SEIAA 326 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Smt. Jyoti Vijay Metgud,</b> No.126, Chikkamankanala, Koligere Post, Savadatti Taluk, Belagavi District.
2	Name & Location of the Project	Building Stone Quarry in 5-00 Acres of Patta Land Sy. No. 523/1 (P) of Yaragatti Village, Savadatti Taluk, Belagavi District, Karnataka.
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	5-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	85,109 Tons/Annum (Avg.) (including waste)
8	Project Cost (Rs. In Crores)	0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	8,48,059 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	85,109 Tons/Annum (Max.) (including waste)
11	<b><u>CER Action Plan:</u></b> <ul style="list-style-type: none"> <li>Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Kondamari- Yaragatti Village,</li> </ul>	
12	EMP Budget	Rs. 2.85 Lakhs (Capital Cost) & 17.01 Lakhs (Recurring cost)



The Proponent obtained NOCs from Forest, Revenue Dept. and obtained land conversion order on 21.10.2019.

There is an existing cart track road to a length of 320 meters connecting lease area to the all-weather black topped road.

As per the Cluster Sketch there are 2 leases within 500 meter radius, including the subject lease. The total area of all these leases is 11-22 Acres. The 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity, estimated the life of the mine as 10 years and recommended the proposal to SEIAA for Issue of EC, for annual production of 85,109 Tons/Annum.

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

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**Deferred proposals for EC**

**266.82 Building Stone Quarry project at Danavahalli Village, Kolar Taluk, Kolar District (2-00 Acres) by Sri Krishnappa - Online proposal No SIA/KA/MIN/204813/2021 (SEIAA 151 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Krishnappa S/o Doddadasappa, Manchandahalli Village, Kuragal Post, Kolar Taluk, Kolar District
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Krishnappa Sy.No.02, Danavahalli Village, Kolar Taluk, Kolar District, Karnataka.
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
6	Area in Ha	0.808 Ha
7	Annual production (metric ton /Cum) per annum	37,030 Tons per annum (including waste)
8	Project Cost (Rs. In Crores)	0.68 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	3,52,232 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	37,030 Tons per annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Rain water harvesting pits to GLPS school at Danavahalli village
	3 <sup>rd</sup>	Providing solar lights to common public places
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 <sup>th</sup>	Cleaning out and deepening of Thoranakambadahalli Pond
12	EMP Budget	Rs. 12.9 lakhs (Capital Cost) & Rs. 7.54 lakhs (Recurring cost)

The proposal was deferred during 263<sup>rd</sup> SEAC meeting in view of the proposal needs to be applied under B1 category as per the cluster sketch & certificate.

Now the proponent submitted the letter dated 08.07.2021 from Senior Geologist Kolar, wherein the proposal no.10 (3-10 Acres) is surrendered and will not be restored & will not be allotted to any members at any point of time on any grounds. Also the proponent submitted the letter dated 13.07.2021 from Senior Geologist Kolar, wherein the proposal no.12 (1-30 Acres) is not allotted to any one due to non receipt of eligible applications for the allotment. The total area within the cluster after exempting the above leases and the leases granted prior to 09.09.2013 will be 12-00 Acres, which is less than 5 Ha. The project categorized as B2.

The proponent has obtained NOCs from Forest Dept and the lease was notified on 23.10.2020.

There is an existing cart track road to a length of 500 meters connecting lease area to the all weather black topped road.

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

Considering the proved mineable reserve of 3,52,232 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 SEIAA for issue of Environmental Clearance for an annual production of 37,030 tonnes/annum (including waste).

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

**266.83 Building Stone Quarry Project at Danavahalli Village, Kolar Taluk , Kolar District (1-10 Acres) by Sri N. Vijayakumar - Online proposal No SIA/KA/MIN/204844/2021 (SEIAA 152 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri N. Vijayakumar S/o Narayanappa B. K., Bellavi (Dinnur) Village, Madiwala Post, Malur Taluk, Kolar District
2	Name & Location of the Project	"Building Stone Quarry" of Sri N. Vijayakumar, Sy. No. 02, Danavahalli Village, Kolar Taluk, Kolar District, Karnataka.
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
6	Area in Ha	0.505 Ha
7	Annual production (metric ton /Cum) per annum	17,792 Tons per annum
8	Project Cost (Rs. In Crores)	0.38 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,81,970tons
10	permitted quantity per annum- Cu.m/Ton	17,792 Tons per annum
11	CER Action plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Improving infrastructure for local health centre

	3 <sup>rd</sup>	The proponent proposes to distribute nursery plants at Danavahallivillage & Strengthening of approach road	
	4 <sup>th</sup>	Solar Power Panels in GLPS school at Danavahallivillage	
	5 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages	
12	EMP Budget	Rs. 8.96 lakhs (Capital Cost) & Rs. 6.94 lakhs (Recurring cost)	

The proposal was deferred during 263<sup>rd</sup> SEAC meeting in view of the proposal needs to be applied under B1 category as per the cluster sketch & certificate.

Now the proponent submitted the letter dated 08.07.2021 from Senior Geologist Kolar, wherein the proposal no.10 (3-10 Acres) is surrendered and will not be restored & will not be allotted to any members at any point of time on any grounds. Also the proponent submitted the letter dated 13.07.2021 from Senior Geologist Kolar, wherein the proposal no.12 (1-30 Acres) is not allotted to any one due to non receipt of eligible applications for the allotment. The total area within the cluster after exempting the above leases and the leases granted prior to 09.09.2013 will be 12-00 Acres, which is less than 5 Ha. The project categorized as B2.

The proponent has obtained NOCs from Forest Dept and the lease was notified on 23.10.2020.

There is an existing cart track road to a length of 500 meters connecting lease area to the all weather black topped road.

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

Considering the proved mineable reserve of 1,81,970 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 17,792 tonnes/annum (including waste).

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

**266.84** Proposed Building Stone Quarry Project at Sy.Nos.9, Thimmappanahalli Village, Arasikere Taluk, Hassan District (7-00 Acres) by Sri M. Nasrulla - Online proposal No SIA/KA/MIN/138762/2020 (SEIAA 61 MIN 2020)

The proposal was deferred in during the 245<sup>th</sup> SEAC meeting due to absence of the proponent. Now also the proponent remained absent. The committee noted that the proponent is not appearing before the committee. The committee decided to give one last opportunity before delisting the proposal.

The committee decided to defer the project proposal.

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

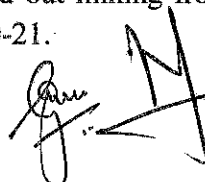
266.85 Building Stone Quarry Project at K. Honnalagere Village, Maddur Taluk, Mandya District (1-00 Acres) by Smt. Anusuya - Online proposal No SIA/KA/MIN/203258/2021 (SEIAA 137 MIN 2021) - Renewal

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. Anusuya W/o. Late Puttalingaiah, Malavalli Road, H K V Nagara 1 <sup>st</sup> Cross, Maddur Taluk, Mandya District
2	Name & Location of the Project	"Building Stone Quarry" of Smt. Anusuya at Sy.No.317, K.Honnalagere Village, Maddur Taluk, Mandya District, Karnataka.
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	Renewal (QL NO. 771)
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
6	Area in Ha	0.404 Ha
7	Annual production (metric ton /Cum) per annum	1,31,579 tonnes for 1 <sup>st</sup> year, 10,526 tonnes for 2 <sup>nd</sup> year, 2,105 tonnes per annum for 3 <sup>rd</sup> and 4 <sup>th</sup> years and 947 tonnes for 5 <sup>th</sup> year of plan period (including waste)
8	Project Cost (Rs. In Crores)	1.10 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,47,263 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	1,31,579 tonnes for 1 <sup>st</sup> year, 10,526 tonnes for 2 <sup>nd</sup> year, 2,105 tonnes per annum for 3 <sup>rd</sup> and 4 <sup>th</sup> years and 947 tonnes for 5 <sup>th</sup> year of plan period (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Rain water harvesting pits to GHPS at K.Honnalagere Village
	3 <sup>rd</sup>	Providing solar lights to common public places
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road drainages
	5 <sup>th</sup>	Cleaning out and deepening of K.Honnalagere Pond
12	EMP Budget	Rs. 9.86 lakhs (Capital Cost) & Rs. 6.37 lakhs (Recurring cost)

The proposal was deferred during 263<sup>rd</sup> SEAC meeting in view of the proponent remaining absent.

The lease was granted on 18.10.2005 for 5 years. As per the audit report certified by DMG the proponent has carried out mining from 2005-06 to 2010-11 and further no mining activity has been carried out till 2020-21.

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There is an existing cart track road to a length of 470 meters connecting lease area to the all weather black topped road.

The lease was granted prior to 09.09.2013 and hence the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 1,47,263 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,31,579 tonnes for 1<sup>st</sup> year, 10,526 tonnes for 2<sup>nd</sup> year, 2,105 tonnes per annum for 3<sup>rd</sup> and 4<sup>th</sup> years and 947 tonnes for 5<sup>th</sup> year of plan period (including waste).

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

**266.86** Building Stone Quarry Project at Sy.No.169/1B of Jalageri Village, Tikota Taluk, Vijayapura District (4-37 Acres) by Sri Sathaiah I. Donur - Online proposal No.SIA/KA/MIN/206888/2021 (SEIAA 205 MIN 2021)

The proposal was deferred in 264<sup>th</sup> SEAC Meeting for want of certain information.

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

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

**266.87** Building Stone Quarry Project at Kadanakoppa Village, Kalaghatgi Taluk, Dharwad District (2-33 Acres) by Sri Marella Subrahmanyam Naidu / M/s. Akshaya Park Business Center - Online proposal No.SIA/KA/MIN/204577/2021 (SEIAA 159 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Shri Marella Subrahmanyam Naidu, Akshaya Park Business Center, Cabin No: 06, Akshaya Park, Gokul Road, Hubli, Dharwad District, Karnataka.
2	Name & Location of the Project	"Building Stone Quarry" of Shri Marella Subrahmanyam Naidu, at Sy.No.88/2B, Kadanakoppa Village, Kalaghatgi Taluk, Dharwad District, Karnataka
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government	Patta Land ,

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	Revenue, Gomal, Private/Patta, Other]	
6	Area in Ha	1.141 Ha
7	Annual production (metric ton /Cum) per annum	63,158 Tons per annum (including waste)
8	Project Cost (Rs. In Crores)	1.21 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	7,84,921 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	63,158 Tons per annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Developing infrastructure for local health center near Kadanakoppa village
	3 <sup>rd</sup>	Setting up Solar lights in public places
	4 <sup>th</sup>	The proponent proposes to distribute nursery plants at Kadanakoppa Village & Strengthening of approach road
	5 <sup>th</sup>	Cleaning out and deepening of Kadanakoppa Pond
12	EMP Budget	Rs. 12.61lakhs (Capital Cost) & Rs. 8.42 lakhs (Recurring cost)

The proposal was deferred during 263<sup>rd</sup> SEAC meeting in view of the proponent remain absent.

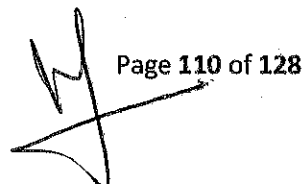
The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order on 05.09.2020. The lease was notified on 21.01.2021.

There is an existing cart track road to a length of 860 meters connecting lease area to the all weather black topped road.

As per the extended the cluster sketch there are 6 leases including the subject lease within 500 meter radius. The total area of all these leases is 8-08 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise and the parameters are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters are maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Considering the proved mineable reserve of 7,84,921 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 13 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 63,158 tonnes (including waste).

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

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**266.88** 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)

**About the Project:**

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 65,000 tonnes for the 1 <sup>st</sup> year, 88,000 tonnes per annum for 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> years & 54,550 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	3,83,550 tons
10	permitted quantity per annum- Cu.m/Ton	Annual production will be 65,000 tonnes for the 1 <sup>st</sup> year, 88,000 tonnes per annum for 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> years & 54,550 tonnes for 5 <sup>th</sup> year of plan period
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1st	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 & Strength approach road
	5th	Health camp in nearby community places
12	EMP Budget	Rs. 7.60lakhs (Capital Cost) & Rs. 19.76 lakhs (Recurring cost)

The proposal was reconsidered during 264<sup>th</sup> SEAC meeting for want of the following clarification.

- The depth of mining is 9 meter including 3 meter top soil. Clarification with regard to the sand deposit below 3 meter top soil to be provided.




- Joint inspection report of the concerned departments specifying the depth of top soil and sand deposit not submitted.
- Land conversion order and C&I notification.

The committee perused the replies submitted by the proponent and accepted the replies except the top soil management details. The committee also observed that the depth of the sand approved by Joint Inspection Report and quarry plan is 6 meters, where as the Senior Geologist Ground Water Department approved is for 4 meters.

The proponent has obtained NOCs from Forest, Revenue Department and applied for land conversion order. The lease was approved by District Task Force on 30.01.2021 and C&I notification was issued on 31.08.2021. The lease area is at a distance of 1.00 kms from Kagina River.

There is an existing cart track road of length 58 meters connecting lease area to the all weather black topped road.

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 10-30 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

The committee decided to reconsider the proposal after submission of the following information.

1. Top soil management details
2. Clarification about the depth of the sand approved as per Quarry Plan, Joint Inspection Report and from Senior Geologist Ground Water Department.

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

**266.89 Ordinary Sand Mining Project at Hirehal Village, Rona Taluk, Gadaga District (6-30 Acres) by Sri Rajshekar Nagaraj Kampli - Online proposal No-SIA/KA/MIN/13814/2020 (SEIAA 48 MIN 2020)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Rajshekar Nagaraj Kampli, Shiraguppi Village & post, Hubbli Taluk, Dharwad District, Karnataka-580023



2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent 6-30 Acres in Patta Land at Sy. Nos.135/5+6, 136/1, 136/2 & 136/3 of HirehalVillage, Rona Taluk, Gadaga 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]	PattaLand
6	Area in Ha	2.731 Ha
7	Annual production (metric ton /Cum) per annum	36,000 tons/annum
8	Project Cost (Rs. In Crores)	0.78 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,08,000 tons
10	permitted quantity per annum- Cu.m/Ton	36,000 tons /annum
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>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 7.78 lakhs (Capital Cost) & Rs. 13.47 lakhs (Recurring cost)

The proposal was deferred during 244<sup>th</sup> SEAC meeting in view of the proponent remain absent.

The proponent has obtained NOCs from Forest, Revenue Department and obtained land conversion order 23.12.2019. The lease was notified by C&I dept. on 03.03.2020. The lease area is at a distance of 55 meters from Sasave Halla.

There is an existing cart track road of length 160 meters connecting lease areato the all weather black topped road.

As per the Cluster sketch there are no other leases within the 500 meter radius from this lease area. The total area of the subject lease is 6-30 Acres and the project is categorized as B2. Theproponent has collected baseline data of air, water, soil and noise which arewithin the permissible limits. The proponent informed that all mitigativemeasures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.




Considering the proved mineable reserve of 1,08,000 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years, the committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 36,000 tonnes/annum for 3 years of plan period with quarry pit depth of 5.50 meters including 2.50 meters of top soil.

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

**266.90** Expansion of Building Stone Quarry Project at Sy.No.441/A2 of Uchangidurga Village, Harappanahalli Taluk, Ballari District (7-20 Acres) (Q.L.No.110) by M/s. Nandi Stone Crushers - Online proposal No. SIA/KA/MIN/202561/2021 (SEIAA 134 MIN 2021) - Expansion

The proposal was considered during 263<sup>rd</sup> SEAC Meeting and decided to write a letter to KSPCB to get certified compliance to earlier E.C. conditions. Proponent submitted certified compliance on 28.08.2021.

The proponent and consultant remained absent. The committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.91** Ornamental Granite Quarry Project at Sy.No.191 of Suganagalli Village, Ramanagara Taluk & District (3-36 Acres) (Q.L.No.1377) by M/s. SHIVAGANESH GRANITES PVT. LTD. - Online proposal No. SIA/KA/MIN/208430/2021 (SEIAA 257 MIN 2021) - Renewal

The proposal considered during 264<sup>th</sup> SEAC Meeting and decided to reconsider the proposal after submission of monthwise audit report for the year 2015-16 and recent Forest NOC. The proponent submitted replies on 28.08.2021. The committee perused the audit report and noted that the Forest NOC submitted was dated 02.07.2011. Also the proponent has not submitted C&I notification.

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

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

**266.92** Ornamental Stone (Green Granite) Quarry Project at Kallushettihally Village, Belur Taluk, Hassan District (3-00 Acres) by M/s. S.S. Motors, Sri M.V. SHASHIKUMAR - Online proposal No. SIA/KA/MIN/197556/2021 (SEIAA 79 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. M V Shashikumar, M/s. S. S. Motors, B M Road, Santhepet, Hassan District, Karnataka - 573201.
2	Name & Location of the Project	"Ornamental Stone (Green Granite) Quarry" of Sri. M V Shashikumar Sy No. 25, Kallushettihally Village, Belur Taluk, Hassan District, Karnataka.

3	Type of Mineral	Ornamental Stone (Green Granite) Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government land
6	Area in Ha	1.214 Ha
7	Annual production (metric ton /Cum) per annum	7,334 cum (Recovery 30% and waste 70%) Waste will beutilized as building stone by approval from DMG
8	Project Cost (Rs. In Crores)	1.05 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	2,49,830 Cu.m (Recovery 30% and waste 70%)
10	permitted quantity per annum- Cu.m/Ton	7,334 cum (Recovery 30% and waste 70%) Waste will beutilized as building stone by approval from DMG
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Rain water harvesting pits to GLPS at Kallushettihally village
	3 <sup>rd</sup>	Providing solar lights to common public places
	4 <sup>th</sup>	Health camp in nearby community places
	5 <sup>th</sup>	Cleaning out and deepening of Kallushettihally Pond
12	EMP Budget	Rs. 13.40 lakhs (Capital Cost) & Rs. 12.99 lakhs (Recurring cost)

The proposal was deferred during 261<sup>st</sup> SEAC meeting in view of the proponent remaining absent.

The proponent obtained NOCs from Forest and Revenue Dept. and have applied for land conversion order. The lease was notified by C&I dept. on 17.10.2020.

There is an existing cart track road to a length of 180 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are no other leases within 500 meter radius from the lease area. The area of the subject lease is 3-00 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as co-terminous with the lease period. The committee decided to recommend the proposal to SEIAA for issue of EC with annual production of 7,334 cum (Recovery 30% and waste 70%).

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

**266.93** Building Stone Quarry Project at Unnibhavi Village, Nidagundi Taluk, Vijayapura District (1.61 Ha) by Sri Arunkumar B. Narasareddy - Online proposal No.SIA/KA/MIN/204783/2021 (SEIAA 198 MIN 2021)

**About the project:-**

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	<b>Sri Arunkumar B. Narasareddy</b> S/o. Basanthray, No. 15 Unnibhavi Village, Nidagundi Taluk, Vijayapura District
2	Name & Location of the Project	Building Stone Quarry in 4-00 Acres, of Patta Land bearing Sy. No. 113/2, Unnibhavi Village, Nidagundi Taluk, Vijayapura District, Karnataka
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	1.6187 Ha. (4-00 Acres)
7	Annual Production (Metric Ton / Cum) Per Annum	57,242 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	12,68,434 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	57,242 Tons/Annum (Max.)
11	<b><u>CER Action Plan:</u></b> <ul style="list-style-type: none"><li>Propose to construct Check Dams at a suitable locations with locally available boulders</li></ul>	
12	EMP Budget	Rs. 2.55 Lakhs (Capital Cost) & 10.81 Lakhs (Recurring cost)

The proposal was deferred during 263<sup>rd</sup> SEAC meeting in view of the proponent not having submitted lease sketch and the date was not mentioned in the notification issued by DMG. The proponent submitted replies on 24.08.2021 along with lease sketch and notification.

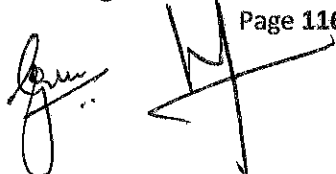
The Proponent obtained NOCs from Forest, Revenue Dept. and obtained land conversion order on 12.07.2020.

There is an existing cart track road to a length of 800m connecting lease area to the all-weather black topped road.

As per the cluster sketch there are 5 leases within 500 meter radius, including the subject lease. Out of which 3 leases are exempted in view of the ECs issued prior to 15.01.2016. The total area of the remaining 2 leases including the subject lease is 6-20 Acres. The 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

The Committee decided to reconsider the proposal after submission of revised production sections certified by the competent authority.

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



**266.94** Building Stone Quarry Project at Sooraturu Village, Honnalli Taluk, Davanagere District (3-00 Acres) (1.214 Ha) by Sri Madan U.D - Online proposal No.SIA/KA/MIS/211670/2021 (SEIAA 258 MIN 2021)

**About the project:-**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Madan S/O K P Duggappagowda, Umblebylu post, Shimoga Taluk, Shimoga-577115
2	Name & Location of the Project	"Building Stone Quarry" of Sri Madan S/o K P Duggappagowdaat Sy. No.87/6 Sooraturu village Honnalli Taluk, Davanagere 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	3.00 Acre(1.214 Ha)
7	Annual production (metric ton /Cum) per annum	Average 59,904 tons/annum (including waste)
8	Project Cost (Rs. In Crores)	1.50 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	3,65,414 tons (including waste)
10	permitted quantity per annum- Cu.m/Ton	Average 59,904 tons/annum (including waste)
11	CER Action Plan: Approach road strengthening work	
12	EMP Budget	Rs.9.00 lakhs (Capital Cost) & Rs. 11.75 lakhs (Recurring cost)



The proponent submitted NOCs from Forest and Revenue Dept. and submitted land conversion order dated 18.05.2021. The lease was notified on 29.01.2021.

As per the Cluster sketch there are no other leases within 500 meter radius from the lease area. The area of the subject lease is 3-00Acres and project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

In the village survey map there is a nala abutting to the project boundary and buffer to be provided as per norms. However in the quarry plan there is no buffer left for the nala, proponent clarified subsequently and informed along with village map of leaving buffer of 7.5meters.

Committee based on the proved quantity estimated the life of the mine as 7 years. The committee decided to recommend the proposal to SEIAA for issue of EC with average annual production of 59,904 tons (including waste).

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



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**266.95 Grey Granite Quarry Project at Kuknoor Village, Kuknoor Taluk, Koppala District (4-10 Acres) by Sri Rashid Ahmad Hanajageri - Online proposal No.SIA/KA/MIN/200132/2021 (SEIAA 105 MIN 2021)**

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Rashid Ahmad Hanajageri S/o Rajasab Hanajageri, Anndaneshwara nagar, Kukanoor Village, Kuknoor Taluk, Koppal District - 583232
2	Name & Location of the Project	"Grey Granite Quarry" of Sri. Rashid Ahmad Hanajageri at Sy. No. 88/1, Kuknoor Village, Kuknoor Taluk, Koppal District, Karnataka.
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	1.719 Ha
7	Annual production (metric ton /Cum) per annum	10,000 cum (Recovery 30% and waste 70%) Waste will be utilized as building stone by approval from DMG
8	Project Cost (Rs. In Crores)	1.54 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	2,59,615 Cu.m (Recovery 30% and waste 70%)
10	permitted quantity per annum- Cu.m/Ton	10,000 cum (Recovery 30% and waste 70%) Waste will be utilized as building stone by approval from DMG
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Improving Infrastructure for local health center
	3 <sup>rd</sup>	Solar lights in community places of Kuknoor Village
	4 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 <sup>th</sup>	The proponent proposes to distribute nursery plants at Kuknoor Village & Strengthening of approach road
12	EMP Budget	Rs. 17.31 lakhs (Capital Cost) & Rs. 13.90 lakhs (Recurring cost)

The proposal was deferred in the 262<sup>nd</sup> SEAC meeting for not providing buffer from the nala on the western side of the project site. The proponent submitted and clarified vide letter dated 26.07.2021, that there is no nala and in the inspection report -Form-S it is mentioned that there are no public structures within 50 meters from the project site.

  
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The proponent obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. The lease was notified by C&I dept. on 09.08.2021.

There is an existing cart track road to a length of 730 meters connecting lease area to the all weather black topped road and proponent to strengthen the road with metalling/asphalting.

As per the Cluster sketch there are 3 leases including this lease within 500 meter radius from the lease area. The total area of all these leases is 6-30 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 informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as 26 years. The committee decided to recommend the proposal to SEIAA for issue of EC with annual production of 10,000 cum (recovery 30% and waste 70%).

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

**Reconsideration proposals**

**266.96** Building Stone Quarry Project at Kolar Village, Kolar Taluk, Kolar District (5-00 Acres of Patta Land) by Sri Vijay Kumar T. Desai - Online proposal No SIA/KA/MIN/196629/2021 (SEIAA 107 MIN 2021)

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri. VijayKumar T. Desai</b> /o Sri. Tammarao Desai, Additi Complex, 3 <sup>rd</sup> Floor, Ashram Road, Adarsha Nagar, Vijayapura District-586103
2	Name & Location of the Project	Building Stone Quarry of Sri. VijayKumar T. Desai in 5-00 Acres of Patta Land bearing Sy. No. 709/4 of Kolhar Village, Kolhar Taluk, Vijayapura District, Karnataka.
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta land
6	Area in Ha	5-00 Acres
7	Annual production (metric ton /Cum) per annum	42,120 Tons/ Annum (Avg.) (excluding waste)
8	Project Cost (Rs. In Crores)	0.90 Crores (Rs. 90 Lakhs)
9	Proved quantity of mine/quarry- Cu.m/Tons	6,69,392 Tons (excluding waste)

10	permitted quantity per annum- Cu.m/Ton	42,120 Tons/ Annum (Max.)(excluding waste)
11	<u>Corporate Environment Responsibility (CER)</u>	
	<ul style="list-style-type: none"> <li>Propose to provide Roof top Rain water harvesting facility to nearby Govt. Primary School, Kolhar Village.</li> <li>Propose take up 300 No. of additional plantation on either side of the approach road from quarry location to Hangaragi Village Road.</li> </ul>	
12	EMP Budget	Rs. 2.85 lakhs (Capital Cost) & Rs. 16.45 lakhs (Recurring cost) for 5 years

The project was deferred in the 262<sup>nd</sup> SEAC Meeting for want of village map showing project site and EMP sketch. The proponent submitted replies on 24.08.2021.

The proponent has obtained NOC from Forest, Revenue Dept and obtained land conversion order on 02.06.2020. The lease was notified on 30.01.2021.

There is an existing cart track road to a length of 403 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are 2 leases including this lease within the 500 meter radius from this lease area. The total area of these 2 leases is 9-00 Acre and the project is categorized as B2. The proponent informed that all mitigative measures will be taken to ensure that the parameters of air, water, soil and noise will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as 16 years. The committee decided to recommend the proposal to SEIAA for issue of EC with annual production of 42,120 tons / annum.

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

**266.97** Ornamental Stone (Grey Granite) Quarry Project at Kakkihalli Taluk, Koppal District (7-00 Acres) by Sri R. Gururaj - Online proposal No. SIA/KA/MIN/203647/2021 (SEIAA 143 MIN 2021)

**About the Project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. R Gururaj, Harihara Main Road, Teligi Village, Harappanahalli Taluk, Karnataka - 583137
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) Quarry" of Sri. R Gururaj, Sy.No. 44 & 45, Kakkihalli Village, Kuknoor Taluk, Koppal District, Karnataka.
3	Type of Mineral	Ornamental Stone (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	2.832 Ha
7	Annual production (metric ton /Cum) per annum	18,518 cum(max) (recovery 30% and waste 70%) Waste will be utilised as building stone after approval from DMG.
8	Project Cost (Rs. In Crores)	1.87 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	5,21,271 cum(max) ) (recovery 30% and waste 70%)Waste will be utilised as building stone after approval from DMG.
10	permitted quantity per annum- Cu.m/Ton	18,518cum(max) ) (recovery 30% and waste 70%) Waste will be utilised as building stone after approval from DMG.
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	Enhancing Ground water through construction of Check Dams
	2 <sup>nd</sup>	Improving Infrastructure for local health center
	3 <sup>rd</sup>	Providing solar power panels to common public places
	4 <sup>th</sup>	The proponent proposes to distribute nursery plants at Kakkihalli village & Strengthening of approach road
	5 <sup>th</sup>	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 24.99 lakhs (Capital Cost) & Rs. 22.53 lakhs (Recurring cost)

The project was deferred in the 263<sup>rd</sup> SEAC Meeting for want of combined village map and penalty paid receipts. The proponent submitted replies on 27.08.2021. The proponent submitted combined village map and the penalty paid details of Rs. 11,86,245.00.

The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order on 13.02.2020. The lease was approved by District Task Force proceedings dated 18.11.2020 with a condition that the proponent to pay penalty of Rs. 11,86,245.00 for illegal quarrying. Proponent informed that the letter of intent dated 20.01.2021 will be issued after payment of penalty. The lease was notified on 26.08.2021.

There is an existing cart track road to a length of 400 meters connecting lease area to the all weather black topped road.

As per the Cluster sketch there are no other leases within 500 meter radius from the lease area. The area of the subject lease is 7-00 Acres and hence the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as 29 years. The committee decided to recommend the proposal to SEIAA for issue of EC with annual production of 18,518 cum (max) (recovery 30% and waste 70%).

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

**266.98** Black Granite Quarry Project at Sy.Nos. 809 &280 Terakanambi Village, Gundlupete Taluk, Chamarajnar District (5-18 Acres of Patta Land) by Sri M. Nanjundaswamy - Online proposal No SIA/KA/MIN/213997/2021 (SEIAA 228 MIN2021)

The proposal was deferred in the 264<sup>th</sup> SEAC Meeting and in asking the proponent to submit extended cluster sketch and updated audit report & C&I notification. The proponent submitted replies on 26.08.2021 except C&I notification. The committee decided to defer the project proposal.

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

**266.99** Black Granite Quarry Project at Terakanambi Village, Gundlupete Taluk, Chamarajnar District (0-24 Acres of Patta Land) by Sri S.Umesh Kumar - Online proposal No.SIA/KA/MIN/214004/2021- (SEIAA 230 MIN 2021)

The proposal was considered during to 264<sup>th</sup> SEAC Meeting and decided to reconsider the proposal after submission of revised quarry plan incorporating 7.5 meter buffer. The proponent submitted replies on 26.08.2021. The proponent was further informed to submit copy of C&I notification. Since the proponent has not submitted copy of the C&I notification, committee decided to defer the project proposal.

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

**266.100** Building Stone Quarry Project at Byalakuppe Village, Gundlupete Taluk, Chamarajanagara District (5-29 Acres) by Sri T P Nagaraju - Online proposal No SIA/KA/MIN/ 213535/2021 (SEIAA 261 MIN 2021)

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the ProjectProponent	Sri T P NagarajuS/o Late Parameshwarappa, #1, 34 <sup>th</sup> Block, JSS Layout, Mysuru, Karnataka
2	Name&LocationoftheProject	"Building Stone Quarry"of Sri T P Nagaraju, Sy.No.116 and 117/4 of Byalakuppe Village, Gundlupet Taluk, Chamarajanagara District, Karnataka.
3	Type of Mineral	BuildingStoneQuarry
4	New/expansion/modification/renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Pattaland

6	Area in Ha	2.3167 Ha
7	Annual production (metric ton/Cum) per annum	35,042 tons/Annum(max) (including waste)
8	Project Cost (Rs. In Crores)	25 Lakhs
9	Proved quantity of mine/quarry- Cu.m/Tons	18,81,821 tons (including waste)
10	Permitted quantity per annum- Cu.m/Ton	35,042 tons/Annum(max) (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	The proponent proposed to provide the smart class facility to Byalakuppe Govt school.
	2 <sup>nd</sup>	The proponent proposed to provide the smart class facility to Byalakuppe Govt school.
12	EMP Budget	Rs. 2.02 lakhs (Capital Cost) & Rs. 4.55 lakhs (Recurring cost)

The project was deferred in the 265<sup>th</sup> SEAC Meeting for want of cluster sketch signed by competent authority. The proponent complied with the observations vide letter dated 31.08.2021. submitted cluster sketch signed by competent authority on 31.08.2021.

The proponent has submitted NOCs from Forest, Revenue Dept. and obtained land conversion order dated 30.12.2020. The lease was approved by District Task Force on 18.03.2021 and Notified on 06.04.2021. The approach road to be strengthened by asphaltting.

There is an existing cart track road to a length of 860 meters connecting lease area to the all-weather black topped road.

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 subject lease is 5-29 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as co-terminus with the lease period. The committee decided to recommend the proposal to SEIAA for issue of EC with maximum annual production of 35,042 tons (including waste).

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

**266.101 Building Stone Quarry Project at Tondavadi Village, Gundlupete Taluk, Chamarajanagara District (1-36 Acres) Sri N Nandakumar - Online proposal No.SIA/KA/MIN/ 213179/2021 (SEIAA 264 MIN 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri N Nandakumar S/o Late Narasimhachar Alias Govinda Shetty, # 4734, MGS Road, Thyagaraja Colony, Nanjangud - 571 301
2	Name & Location of the Project	"Building Stone Quarry" of Sri N Nandakumar, Sy No. 328/1 of Tondavadi Village, Gundlupet Taluk, Chamarajanagara District, Karnataka.
3	Type of Mineral	Building Stone Quarry
4	New/expansion/modification/renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Pattaland
6	Area in Ha	0.7688 Ha
7	Annual production (metric ton/Cum) Per annum	31,109 tons/Annum (including waste)
8	Project Cost (Rs. In Crores)	15 Lakhs
9	Proved quantity of mine/quarry-Cu.m/Tons	1,86,652 tons (including waste)
10	permitted quantity per annum-Cu.m/Ton	31,109 tons/Annum (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 <sup>st</sup>	The proponent proposed to provide the sanitation facility to Tondavadi Govt school.
	2 <sup>nd</sup>	The proponent proposed to provide the sanitation facility to Tondavadi Govt school.
12	EMP Budget	Rs.1.22 lakhs (Capital Cost) & Rs.3.76 lakhs (Recurring cost)

The project was deferred in the 265<sup>th</sup> SEAC Meeting for want of cluster sketch signed by competent authority. The proponent submitted cluster sketch signed by competent authority on 31.08.2021.

The proponent has submitted NOCs from Forest, Revenue Dept. and obtained land conversion order dated 03.11.2020. The lease was approved by District Task Force on 18.03.2021 and Notified on 01.04.2021.

There is an existing cart track road to a length of 480 meters connecting lease area to the all-weather black topped road.

As per the Cluster sketch prepared by the DMG there are 2 leases including this lease within the 500-meter radius from this lease area. The total area of all these leases is 3-36 acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which are within the permissible limits. The proponent informed that all mitigative measures will

be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

Committee based on the proved quantity estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of EC with maximum annual production of 35,042 tons (includint waste).

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

**Deferred EIA project**

**266.102** Establishment of 50 KLPD Distillery Plant for the production of Ethanol in Shankaranandanagar Village, Yamarni, Nipani Taluk, Belagvi District by M/s. Shri Halasidhanath Sahakari Sakhar Karkhana Ltd., -Online proposal No.SIA/KA/IND3/58527/2020 (SEIAA 11 IND 2021)

**About the project:**

SN.	PARTICULARS	INFORMATION
1	Name & Location of the Project	New Molasses based 50 KLPD distillery unit Shankaranandnagar, Village Yamgarni, Tal. Nipani, Dist. Belgavi, Karnataka- 591 237
2	Co-ordinates of the Project Site	1) 16°43'04.26"N & 74°35'86.16"E 2) 16°43'05.42"N & 74°36'01.06"E 3) 16°43'96.26"N & 74°36'00.70"E 4) 16°42'95.07"N & 74°35'86.42"E
3	New/Expansion/Modification/ Product mix change	New under category 5(g) of EIA Notification 2006
4	Plot Area (Sq m)	27,003 Sq.mt
5	Built Up area (Sq m)	18,303 Sq m
6	Component of developments	Fermentation section, Distillation section, finished product storage, CPU, boiler and evaporation section,
7	Project cost (Rs. In Crores)	80.02
8	Details of Land Use (Sq m)	
	a. Ground Coverage Area	18,303 Sq m
	b. Kharab Land	-
	c. Internal Roads and Parking	2000 Sq m
	d. Paved area	-
	e. Green belt	6699.99 Sq m (34%)
	e. Others Specify	-
	F Total	27002.99 Sq m
9	Products and By- Products with quantity	Product- Rectified Spirit or Ethanol: 50 KLPD By- Product- Fusel oil: 200 L/day

10	Raw material with quantity and their source (enclose as Annexure if necessary )	Molasses:167 TPD (B-Heavy) / 186 TPD (C-Heavy)/Sugarcane Juice : 695 m <sup>3</sup> /day Nutrients N, P: ~170 Kg/day Turkey Red Oil (TRO): ~250 Kg/day	
11	Mode of transportation of Raw material and storage facility	Molasses: Through pipeline from own sugar unit and by road from nearby sugar mill, it will be stored in molasses storage tank Nutrients N, P and TRO: Transportation by road as per requirement	
12	Transportation and storage facility for coal /fuel in case of thermal power plant	Fuel used for proposed distillery unit: Conc. Spentwash + coal/bagasse as supplementary fuel. Spentwash will be stored in impermeable storage tank, coal will be stored in covered storage and existing bagasse storage yard will be used to store bagasse.	
13	<b>WATER</b>		
	I	Operation Phase	
	a.	Source of water	Surface Water from River Vedganga
	b.	Total Requirement of Water in KLD	448
	c.	Requirement of water for industrial purpose /production in KLD	438
	d.	Requirement of water for domestic purpose in KLD	10
	e.	Waste water generation in KLD	1) Spentwash: 100 2) Spent lees, condensate of MEE and other low strength effluent: 550
	f.	ETP/ STP capacity	700 cum/day
	g.	Technology employed for Treatment	1) Spentwash: Multi-effect evaporation followed by incineration 2) For spent lees, condensate of MEE and other effluent: Condensate polishing unit
	h.	Scheme of disposal of excess treated water if any	ZLD base plant (treated water will be reused/recycle for molasses dilution, cooling tower makeup etc.)
14	<b>Air Pollution</b>		
	a.	Sources of Air pollution	1) Flue gasses from boilers due to burning of spent wash with coal/bagasse 2) Fermentation process
	b.	Composition of Emissions	PM, SO <sub>2</sub> , NO <sub>x</sub> , CO, CO <sub>2</sub>
	c.	Air pollution control measures proposed and technology employed	Particulate emissions will be controlled by ESP and then vented through a stack of height 65 m
15	<b>Noise Pollution</b>		
	a.	Sources of Noise pollution	Boiler, STP, plant machinery etc.

	b.	Expected levels of Noise pollution in db	65 – 95		
	c.	Noise pollution control measures proposed	Boiler, STG, machineries will be within industrial shed (covered area). Greenbelt development, PPE for employees		
16	WASTE MANAGEMENT				
	Operational Phase				
		Quantity of Solid waste generated per day and their disposal	Waste	Quantity (TPD)	Disposal
			Yeast sludge	3-4	Dried sludge will be used as manure.
			Boiler Ash	37.28	Sold to brick manufacturers
			CPU sludge (Wet)	3-6	Used as soil conditioner
			Empty Containers / used drums of oil	~150 (annually)	Given to authorized recycler
17	CER: Water conservation, health facilities, education/ training to local youths etc. EMP: 3,155 Lakhs				

The proposal was appraised in the 261<sup>st</sup> SEAC meeting and decided to defer the appraisal of the project proposal for want of the following information.

- 1) Point wise replies to the complaints raised by the public during public hearing who are residing around the vicinity of the project site.
- 2) Submit correct average annual rainfall data of the location (nearest ARS is at Nippani) and based on rainfall, furnish rainwater harvesting measures.
- 3) Redo the soil analysis and submit the report
- 4) Submit complete analysis of raw spentwash including pH, TDS, TSS, total N, P, K.
- 5) Submit calorific value of concentrated spentwash, coal and bagasse, to be used as fuel along with quantity of each per day fed to the incinerator boiler to produce 1.5 MW power.
- 6) Submit measures to prevent solidification of conc. spentwash stored in the tanks in case of failure/technical problem of power plant for few days.
- 7) Submit process of separation of the potassium salt (ash of burnt conc. spentwash) from the coal ash coming out of incinerator boiler.
- 8) Submit proposed measures to prevent flying of fine ash (both bagasse ash and coal ash) from the storage yard.
- 9) Submit analysis of pressmud (a byproduct of sugar industry) and its compost produced by composting it with bagasse ash and its disposal.
- 10) Process of separating yeast sludge after fermentation and its disposal

The proponent submitted replies to the above and committee accepted the same.

This is a new proposal for establishment of 50 KLPD molasses based distillery unit. The proponent submitted EIA report on 09.02.2021 based on the TORs issued by MoEF&CC, New Delhi.

The public hearing was conducted on 16.07.2020 and the committee observed that overall people have not expressed negative opinion about the project. The proponent also submitted point wise compliance to all the other general issues raised by the public during public hearing. The proponent informed that the effluents will be treated within the project site and achieve ZLD.

The committee 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.**

**266.103** 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 No.SIA/KA/MIN/195672/2021 (SEIAA 127 MIN 2021)

The proponent & consultant remained absent for the meeting, the committee decided to defer the appraisal of the project proposal for further consideration.

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

**266.104** Building Stone Quarry Project at Sy.No.45/2 of Alhal Village, Shorapur Taluk, Yadgir District (2-10 Acres) by Sri Sharanagouda B. Nagaraddy – Online Proposal No.SIA/KA/MIN/209280/2021 (SEIAA 239 MIN 2021)

The proponent & consultant remained absent for the meeting, the committee decided to defer the appraisal of the project proposal for further consideration.

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


**266.105** Ordinary Sand Quarry Project at Sy.Nos.123/1+2+3/A, 123/1+2+3/B, 123/1+2+3/C, 123/1+2+3/E, 123/4, 123/5, 123/6, 123/7, 124/1, 124/2, 124/3, 125/1, 125/2, 125/3, 125/4, 125/5 & 125/6 of Hirehal Village, Ron Taluk, Gadag District (10-20 Acres) by Sri Shivanagouda T Patil – Online Proposal No.SIA/KA/MIN/205635/2021 (SEIAA 173 MIN 2021)

The proponent & consultant remained absent for the meeting, the committee decided to defer the appraisal of the project proposal for further consideration.

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

The meeting concluded with vote of thanks to all.

  
Member Secretary, SEAC  
Karnataka

  
Chairman, SEAC  
Karnataka