

**Proceedings of the 256thSEAC Meeting through video conference held on
3rd and 4th February 2021.**

Members present in the meeting:

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

The Chairman welcomed the members and initiated the discussion. The proceedings of the 255th meeting held on 19th and 20th of January 2021 were read and accepted.

Subjects Appraised on 3rd February 2021 at 10:00 AM to 1:30PM

ToR Projects

256.1 Proposed Development of Kotur-Belur Industrial Area Project at Kotur Village & Belur Village of Dharwad Taluk & District by KIADB - DHARWAD (SEIAA 72 IND 2020)[SIA/KA/NCP/57361/2020]

It is a proposal seeking Environmental Clearance for proposed establishment of Kotur Belur Industrial Area by M/s. Karnataka Industrial Areas Development Board.

The total plot area is 24,07,596.29 Sqm. (240.76 Ha , 594.93 Acres) The proponent has stated that he will develop greenbelt in an area of 7,94,519.32 Sqm i.e., 33 % of the plot area (196.33 Acres, 79.45 Ha) The estimated cost of the proposed project is Rs. 364.84 Crores.

The total fresh water requirement for the project is 1940 KLD, and it will be met from Malaprabha river which is approximately at a distance of 24.98 Km (NW). The waste water generation will be 1986 KLD, out of which 486 KLD will be the domestic sewage. Domestic sewage will be treated in modular STP and treated sewage will be used for gardening. The industrial effluent will be 1500 KLD. Trade effluent will be brought to the standards for

sending to CETP by individual industries and treated in 1850 KLD CETP followed by RO, MEE and ATFD. RO Permeate, MEE and ATFD condensate of 1495 KLD will be recycled for utilities and green belt development. RO rejects will be sent to MEE and ATFD. ATFD salts will be disposed to nearby TSDF.

Power requirement will be 32000 KVA and will be met from GESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). It is proposed to install 2x500 KVA DG set as standby during power failure for common facilities. Back up DGs for industrial plots will be proposed by individual industries. Boilers, Furnaces and reactors will be proposed by individual industries during operation phase.

The proponent and Environmental Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide required clarification and additional information. The committee appraised the proposal considering the Statutory Application Form -I, Pre-feasibility report, proposed ToRs and additional information provided during the meeting.

The committee appraised the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional ToRs.

1. Need to establish a new industrial area, when another Industrial area nearby in a distance of 15 Kms from the proposed area.
2. Planning of CETP in accordance with effluent generation characteristics and quantity industry wise may be detailed.
3. Examine and submit detailed workings for a separate CETP for each cluster of the industry based on process and similar effluent characteristics such as dyeing, API, electroplating.
4. Submit details of the surface drainage, including garland drains, storm water drains to handle accidental overflow, spillage scenario. Along with a suitable control reservoir/tank to be identified, towards the lowest RL point of the project to accommodate at least one day rainfall runoff in an eco pond or similar structure, before overflow and release into the natural nala system leading to the water systems.
5. Submit details of provision made to provide piped natural gas to all units, to eliminate use of coal and other fossil fuels. And an undertaking from KIADB, that coal will not be allowed into the industrial area, mentioned in the allotment letter. Explore possibility of providing piped natural gas to all units to eliminate use of coal.
6. Submit technology, feasibility, and design details of CETPs proposed, especially with respect to handling low flow in initial years of development, along with examples of successfully operating CETPs using the same technology; handling similar effluent characteristics as proposed, elsewhere in the state or country.
7. Submit details of the anticipated inorganic waste generation, with composition of recyclable content. Details of suitable pre-processing facilities for the same within the



industrial area, with special emphasis on e-waste and plastic waste in accordance with the latest rules regulating these substances to be detailed out.

8. Submit details of total unprocessed waste proposed to be disposed of outside the industrial area and extent of waste that can be processed within the industrial area. The maximum possible extent of both solid and liquid wastes to be handled and processed within the industrial area, to contain the pollution from spreading to surrounding regions and mitigation to the greatest extent possible.

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

256.2 Proposed TMT BARS Manufacturing Unit Project at Plot Nos. 47, 48, 49 of 1st Stage Sompura Industrial Area, Sy.No.parts of 56, 57 & 59 of Pemmanahalli Village, Dabaspete Hobli, Nelamagala Taluk, Bangalore Rural District by M/s. SK STEEL TECH (SEIAA 73 IND 2020)[SIA/KA/IND/59431/2020]

It is a proposal seeking Environmental Clearance for proposed expansion of manufacturing high quality ISI graded steel billets followed by TMT Bars/Wires manufacturing unit by M/s S K STEEL TECH. The total plot area is 22,670Sqm. The estimated cost of the proposed Expansion project is Rs.12.00Crores.

The total fresh water requirement after the expansion of project is 82KLD, and it will be met from the Bore well/KIADB. The total waste water generation will be 18KLD, out of which 16KLD will be the domestic sewage and it will be treated in the existing 10KLDSTP, proposed to upgrade to 25KLD STP and treated sewage will be used for gardening & cooling purpose. The Source of industrial waste water generation is from mill scale only, at present & after expansion wastewater (effluent) generation is same 2 KLD is proposed to be treated in a series of settling tanks.

Power requirement will be 18000KVA after expansion and will be met from BESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). Currently the industry having 250 KVA DG set & now it is proposed to install one more DG set of capacity 500KVA as standby during power failure.

The proponent and Environmental Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide required clarification and additional information. The committee appraised the proposal considering the Statutory Application Form -I, Pre-feasibility report, proposed ToRs and additional information provided during the meeting.

This proposal is for expansion of the project from production capacity of 24,000 TPA to 1,50,000 TPA. Earlier this project was operating with CFO issued by KSPCB since this project was not under the ambit of EIA Notification, 2006.

The committee appraised the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional ToRs.

1. Additional Environmental damages due to the expansion may be detailed and submitted.
2. In order to mitigate health hazards the height of the furnace and stack may be detailed and submitted.

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

256.3 Proposed Municipal Solid Waste Management Facility (MSWMF) Project at Sy.No.213/C of Varalahalli Village, Hagaribommanahalli Taluk, Ballari District by TOWN MUNICIPAL COUNCIL, HAGARIBOMMANAHALLI (SEIAA 01 IND 2021) [SIA/KA/MIS/59488/2020]

It is a proposal seeking Environmental Clearance for Setting up of Municipal Solid Waste Management Facility (MSWMF) project at Varalahalli Village, Hagaribommanahalli Taluk, Ballari District, Karnataka by M/s Town Municipal Council, Hagaribommanahalli.

The total plot area is 5.11 Acres (20680Sqm). The proponent has stated that he will develop green belt in an area of 1.686 Acres (6823Sqm) i.e. about 33% of the plot area. The estimated cost of the proposed project is about Rs. 7.0 Crores.

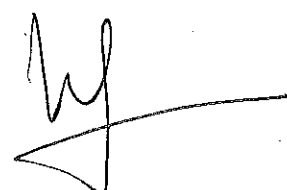
The total water requirement for the project is about 12.5KLD, and it will be met from the Municipal supply, tankers and borewell. The waste water generated shall be about 2.7 KLD, out of which 0.6 KLD will be the domestic sewage. Domestic sewage will be sent to septic tank followed by soak pit. The waste water generated from operations & washing is about 2.1 KLD which shall be reused for moistening waste placed in windrows. About 3 KLD of leachate is generated from Secured Land Fill (SLF) which is collected and sent to leachate collection pond. Leachate pond facilitates treatment by allowing sedimentation & biological stabilization. Organic pollutants in leachate are removed by microorganisms & sedimentation process. At bottom of the tank, sludge is settled which is pumped to landfill and overflow to Leachate tank for evaporation and reuse.

Power requirement is about 60units/day and will be sourced from Karnataka State Electricity Board. For back up, use of inverter & roof top solar power shall be explored.

The proponent and Environmental Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide required clarification and additional information. The committee appraised the proposal considering the Statutory Application Form -I, Pre-feasibility report, proposed ToRs and additional information provided during the meeting.

The committee appraised the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies in accordance with the EIA

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Notification, 2006 and relevant guidelines. The committee also prescribed the following additional ToRs.

1. Micro Level Plan for segregation of waste generated may be detailed.
2. Detailed plan for collection and transportation including vehicle allotment or vehicle synchronization with respect to quantity of waste collection.
3. Time and motion study may be carried out for collection and transportation of vehicles.
4. Examining the options for closure and rehabilitation of old dumps in accordance with clause J of schedule I to the Solid Waste Management Rules, 2016.
5. Compliance to the NGT order vide O A No. 606/2018 dated 20.08.2018 and SWM Rules, 2016

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

Deferred ToR Projects

256.4 Proposed Residential Apartment Project at Plot No.8-P and 10 (Sy.Nos. Parts of 52, 53, 54, 75, 85, 86, 92 and 7) of BK Palya Village, JalaHobli, Yelahanka, Bengaluru North Taluk, Bengaluru Urban District By M/s. Brigade Estates & Projects Pvt. Ltd. (SEIAA 121 CON 2020)[SIA/KA/NCP/55504/2020]

This proposal was considered in 253rd SEAC meeting held on 16.12.2020. The proponent vide letter dated 09.12.2020 had requested for adjournment as the project was being modified.

The committee after discussion decided to defer the subject.

The project proponent submitted the modified application on 23.12.2020. The details of the project is as follows,

This is a proposal for construction of Commercial Development Project on a plot area of 29.75 Acres (1,20,310 Sqm). The total built up area is 7,75,210 Sq.m. The proposed project consists of total 7 Buildings out of which 5 interconnected Buildings are exclusively for IT/ITES use with 3 Basements + Ground Floor + 17 Upper Floors, 1 Building for Hotel Development (3 Star) comprising of 3 Basements + Ground Floor + 14 Upper Floors & 1 Utility Building in HSD Yard comprising of 1 Basement + Ground Floor + 3 Upper Floors with Sports and Recreational Activities for the entire development. Total parking space proposed is for 10,200 No's of Cars. Total water consumption is 3,269 KLD (Fresh water + Recycled water). The total wastewater generated is 2,943 KLD. It is proposed to construct Sewage Treatment Plants with a total capacity of 2,960 KLD. The project cost is Rs.845 Crores.

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Brigade Estates & Projects Private Limited & M/s. Brigade Foundation, 29 th and 30 th Floor, World Trade Center, Brigade Gateway Campus, 26/1, Dr. Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru - 560 055.
2	Name & Location of the Project	Brigade Commercial Development at Plot No. 8-P, 9 10 & 10-P (Sy. Nos. Parts of 52, 53, 54, 75, 85, 86, 92 and 7 (Old Sy. No. 7(P)), Palya Village, Jala Hobli, Yelahanka Bengaluru North District), KIADB Hi Tech, Defense and Aerospace Park, Bengaluru
3	Co-ordinates of the Project Site	Latitude: 13°10'3.86"N Longitude: 77°42'16.35"E
4	Environmental Sensitivity	
	a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Bettakote Lake: 12km
	b. Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	Not Applicable
5	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Commercial Office for IT/ITES & 3 Star Hotel of 150 Keys
	b. Residential Township/ Area Development Projects	-
6	Plot Area (Sqm)	1,20,310 Sq.m (29.75 Acres)
7	Built Up area (Sqm)	7,75,210 Sq.m
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of	5 Buildings comprising of 3 Basements + Ground Floor + 17 Upper Floors 1 Building comprising of Hotel Development

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	Basements and Upper Floors]	(3 Star-150 Keys) with 3 Basements + Ground Floor + 14 Upper Floors 1 Utility Building in HSD Yard comprising of 1 Basement + Ground Floor + 3 Upper Floors
9	Number of units in case of Construction Projects	Not Applicable
10	Number of Plots in case of Residential Township/ Area Development Projects	Not Applicable
11	Project Cost (Rs. In Crores)	845 Crores
12	Recreational Area in case of Residential Projects / Townships	Not Applicable
13	Details of Land Use (Sqm)	
	a. Ground Coverage Area	64,706 Sq.m
	b. Kharab Land	Not Applicable
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	33,362.34Sq.m
	d. Internal Roads	22,241.66 Sq.m
	e. Paved area	
	f. Others Specify	
	g. Parks and Open space in case of Residential Township/ Area Development Projects	10% of the project site (Including in Green Belt Area)
	h. Total	1,20,310 Sq.m
14	Details of demolition debris and / or Excavated earth	
	a. Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	C & D wastes shall be segregated and disposed to authorized recyclers and soil & mortar shall be used as filling material for road and paving area formation.
	b. Total quantity of Excavated earth (in cubic meter)	Excavation will be for providing basement, footings, sump tanks etc., and excavated earth will be used for backfilling, leveling of earth, internal roads, etc.,
	c. Quantity of Excavated earth proposed to be used in the Project site (in cubic meter)	Excavation will be for providing basement, footings, sump tanks etc., and excavated earth will be used for backfilling, leveling of earth, internal roads, etc.,

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	d.	Excess excavated earth (in cubic meter)	Nil	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Not Applicable	
15	WATER			
	I. Construction Phase			
	a.	Source of water	Treated water from Labour Colony temporary STP	
	b.	Quantity of water for Construction in KLD	20KLD	
	c.	Quantity of water for Domestic Purpose in KLD	35KLD	
	d.	Wastewater generation in KLD	30KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Temporary STP	
	II. Operational Phase			
	a.	Total Requirement of Water in KLD	Fresh	1,864KLD
			Recycled	1,405KLD
			Total	3,269KLD
	b.	Source of water	BWSSB through KIADB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	2,943KLD	
	d.	STP capacity	2,960KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping & Air-conditioning.	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	60liters per Sq.m of roof area	
	b.	No's of Ground water recharge pits	30 liters per Sq.m of non-roof area	
17	Storm Water Management plan		Storm water drains along with recharge pits are proposed without altering the topography of the project site	
18	WASTE MANAGEMENT			
	I. Construction Phase			
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	50kg/day of solid waste shall be disposed through BBMP waste management contractors	

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II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	8,059kg/day Organic Waste Converter
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	10,894kg/day Local Authorized Recyclers
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	2000 kg/ annum Authorized Agencies
d.	Quantity of E waste generation and mode of Disposal as per norms	1000 kg/ annum Authorized Agencies
19	POWER	
a.	Total Power Requirement - Operational Phase	25MVA
b.	Numbers of DG set and capacity in KVA for Standby Power. Supply	1000KVA x 25Nos.
c.	Details of Fuel used for DG Set	Dual Fuel Mode; Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 50ppm & Compressed Natural Gas (CNG)
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"> a. Timer based External Lights b. Solar lighting (Street and Landscape) c. BEE Star rated electromechanical systems shall be used in the development d. Solar Water Heating systems for top 2 floor of Hotel Building e. Use of Copper wound transformer f. Use of HF ballast for lighting g. Use of LED light fittings h. Building Orientation; Cross Ventilation;
20	PARKING	
a.	Parking Requirement as per norms	10,200 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	--
c.	Internal Road width (RoW)	8m

The proponent and Environmental Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide required clarification and additional information. The committee

appraised the proposal considering the Statutory Application Form -I, Pre-feasibility report, proposed ToRs and additional information provided during the meeting.

The Committee appraised the proposal as B1 category as per EIA Notification 2006 and recommend the proposal to SEIAA for issue of standard ToRs along with following additional TORs for conducting EIA study in accordance with EIA Notification 2006.

- 1) Details of the kharab land and its position on the village survey map may be detailed.
- 2) Ground water potential and level in the study area.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project
- 4) Management plan to utilize the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 6) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per norms.
- 10) List of existing and proposed trees species wise and number wise may be detailed and submitted.
- 11) The applicability of the recent Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 12) Sampling locations shall be as per standard norms.

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



EIA Projects

256.5 Establishment of Human Space Flight Centre at Ullarathi village, and township at Kudapura village Challakere Taluk, Chitradurga district by Human Spaces Flight Centre, ISRO HQ, (SEIAA 130 CON 2019) [SIA/KA/MIS/56230/2019]

About the Project

Sl. No	PARTICULARS		INFORMATION												
1	Name & Address of the Project Proponent		HSFC, ISRO HQ, Antriksh Bhavan, New BEL Road, Bengaluru 560094.												
2	Name & Location of the Project		Establishment of Human Space Flight Centre at Ullarathi village, Challakere Taluk, Chitradurga district, Karnataka.												
3	Co-ordinates of the Project Site		<table border="1"> <thead> <tr> <th colspan="2">HSFC</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>14°23'14.26"N</td> <td>76°44'4.43"E</td> </tr> <tr> <td>14°22'53.90"N</td> <td>76°42'47.13"E</td> </tr> <tr> <td>14°23'11.10"N</td> <td>76°42'40.45"E</td> </tr> <tr> <td>14°23'46.97"N</td> <td>76°43'53.28"E</td> </tr> </tbody> </table>	HSFC		Latitude	Longitude	14°23'14.26"N	76°44'4.43"E	14°22'53.90"N	76°42'47.13"E	14°23'11.10"N	76°42'40.45"E	14°23'46.97"N	76°43'53.28"E
HSFC															
Latitude	Longitude														
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14°23'11.10"N	76°42'40.45"E														
14°23'46.97"N	76°43'53.28"E														
4	Environmental Sensitivity														
	a.	Distance From nearest Lake/River/Nala	No Lake/River/Nala is passing in cloase vicinity to project site. Vani Vilas sagar dam is about 60 km from project site.												
	b.	Distance from Protected area notified under wildlife protection act	There is no protected wild life area in the study area of 10 km radius.												
	c.	Distance from the interstate boundary	Karnataka- Andhra Pradesh about interstate boundary 16.4 km from the project site												
	d.	whether located in critically/severally polluted area as per the CPCB norms	No												
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Township and area development projects Category of project - Sl. No. 8(b) Category- (B). 'B1'												
6	New/Expansion/Modification/Product mix change		New												
7	Plot Area (Sq. m)		HSFC Total Area : 473 acre (191.49 ha)												

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8	Built Up area (Sq. m)	HSFC Built-up area: 1,80,000 m ² Township	
9	Component of developments	Township and area development projects	
10	Project cost (Rs. In Crore)	Approx. Rs. 2,812 Crore	
11	Products and By- Products with quantity (enclose as Annexure if necessary)	NA	
12	Raw material with quantity and their source (enclose as Annexure if necessary)	The construction materials, which will be used in the project site, will be obtained from authorized local sources. Stones approx. 1,06,800 m ³ Bricks approx. 534 lakh No. Fine agg. Approx. 8.9 lakh MT Coarse agg. Approx. 12.46 lakh MT Cement approx. 4.45 lakh MT	
13	Mode of transportation of Raw material and storage facility	Primarily by means of Road	
14	Transportation and storage facility for coal/Bio-fuel in case of thermal power plant	NA	
15	Fly ash production, storage and disposal details whereas coal is used as fuel	NA	
16	Complete process flow diagram and technology employed	The area will be developed for establishment of HSFC	
17	Details of Plant and Machinery with capacity/Technology used	NA	
18	Details of VOC emission and control measures wherever applicable	NA	
19	WATER		
	I.	Construction Phase	
	a.	Source of water	Vani Vilas Sagar
	b.	Quantity of water for Construction in KLD	HSFC complex 300 KLD

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c.	Quantity of water for Domestic Purpose in KLD	HSFC complex 30 KLD	
d.	Waste water generation in KLD	Waste water generation will be about 20 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The waster waste water generated will be treated in mobile STP units.	
II	Operational Phase		
a.	Source of water	Tungabhadra- Pavagada combined rural water supply scheme	
b.	Total Requirement of Water in KLD	Fresh	HSFC complex 2800 KLD
		Recycled	-
		Total	HSFC complex 2800 KLD
e.	Waste water generation in KLD	Industrial effluent	-
		Domestic sewage	HSFC complex 400 KLD
		Total	-
f.	ETP/STP capacity	HSFC complex 400 KLD initially and up to 800 KLD in stages Township 800 KLD to be set up in stages	
g.	Technology employed for Treatment	State-of-the-art MBR based STP will be set up for the treatment of sewage generated.	
h.	Scheme of disposal of excess treated water if any	-	
20	Infrastructure for Rain water harvesting	Provided	
21	Storm water management plan	Provided	
22	Air Pollution		
a.	Sources of Air pollution	During construction phase it will be from movement of man & material, heavy earth moving machineries, etc. These emissions will be for short period limited to construction phase. During operation air pollution is anticipated from DG operation during	

			power failure.
	b.	Composition of Emissions	PM ₁₀ , PM _{2.5} , SO ₂ etc.
	c.	Air pollution control measures proposed and technology employed	Fugitive emissions are expected from material handling/ storage areas and transportation activities. These emissions will be controlled by water spraying periodically. During transportation, the vehicles shall be covered with tarpaulin.
23	Noise Pollution		
	a.	Sources of Noise pollution	Noise generation from construction equipment used for drilling, cutting operations. During operation phase, noise & vibrations will be generated due to operation of DG sets (as emergency backup)
	b.	Expected levels of Noise pollution in dB	Noise generated will be below 100 dB(A).
	c.	Noise pollution control measures proposed	Noise generated will be about 85-90 dB(A). All DG sets will be covered by acoustic enclosure as per statutory rules and will conform to noise standards. The DG sets will be mounted on anti-vibration mounts to reduce the impacts of vibration.
24	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable Biodegradable waste about 300-400 Kg/day will be generated and will be treated in bio gas plant and compost pits which will convert into manure for gardening. During operation, Solid waste of 750 Kg/day of solid waste will be generated.

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			Non-Biodegradable	A provision is kept for segregation Non-biodegradable waste and will be disposed thereof through authorized agencies
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms		Will be taken care by individual entrepreneurs.
	c.	Quantity of E waste generation with source and mode of Disposal as per norms		The e-waste generation will be mainly non-working computers, used CD's etc. It is proposed to collect 10% of the quantity of waste generation as specified in EPR Plan and will be sent to e waste treatment facility.
25	Risk Assessment and disaster management			The Risk Assessment and disaster management is enclosed as separate Annexure
26	POWER			
	a.	Total Power Requirement in the Operational Phase with source	HSFC	Electricity- 8000 kVA, About 7 MW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	HSFC	Construction phase DG sets 200 KVA (Qty- 1 nos.) Operation Phase DG sets 750 KVA (Qty- 4 nos)
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	HSFC	Construction phase Expected fuel requirement- Diesel 50 lit./ day Operation Phase Expected fuel requirement- Diesel 500 lit./ day
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		Glass with properties meeting the energy conservation requirements will be provided for the houses proposed. 4 mm thick float glass will be used for windows of residential buildings with 0.69 short wave length and 0.14 long wave coefficients. The shading coefficient of these glasses is 0.83.

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			<p>In portions of air - conditioned as in hospital, tinted glasses with lesser shading coefficients will be used.</p> <p>While developing the architectural layout of the buildings cluster development will be adopted with passive solar systems to reduce the head island effect. Appropriate shading devices like overhangs, side fins with the required properties will be incorporated to reduce the heat gain from walls mostly facing sun.</p> <p>It is planned to generate about 3 MW of Solar power by installation of ground and roof top solar systems.</p>
28	PARKING		
	a.	Parking Requirement as per norms	Provided
	b.	Internal Road width (RoW)	Provided
29	Any other information specific to the project (Specify)		Nil

The proposal was placed before the 231st meeting held on 25-9-2019 for appraisal as per the above furnished information by the proponent.

The committee noted that this proposal is for two patches of land one having an area of 473 Acres in which Administrative and technical facilities are supposed to be established. Another piece of land of 100 Acres, which is 17 KM from this project site wherein the township is proposed to be built. Since the two pieces of land are not contiguous to each other the proponent has stated that he will make out separate application for 100 Acres piece of land and the present application will be limited to 473 Acres piece of land pertaining to project.

However, the committee after discussion/deliberation decided to conduct site inspection for assessing the ground realities of the project and to issue any additional ToRs after site inspection. The date for conducting site inspection shall be confirmed later on.

The project is discussed in 232nd SEAC meeting held on 18-10-2019. Due to official reasons the site inspection has been cancelled and after discussions committee decided to recommend to issue standard ToRs to conduct EIA studies in accordance with EIA Notification 2006.

Accordingly the TORs were issued from SEIAA on 12.12.2019 and the proponent submitted EIA report on 23.12.2020 to SEIAA for establishment of Human Space Flight




Centre at Ullarathi village, Challakere Taluk, Chitradurga district, Karnataka in 473 Acres of land pertaining to project.

The Proponent and Environment Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-I, Conceptual plan, EIA Report and clarification/additional information provided during the meeting.

During appraisal the project proponent stated that he will establish suitable Biomethanisation plant within the project premises to process the Organic waste generated as suggested by the committee.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.6 Proposed Commercial Building Project at Sy.Nos.206/4, 207/7, 207/6, 220/2A, 220/9, 220/10, 221/2, 220/2B, 220/3, 220/4, 220/6, 220/7 & 211/7 of Gunjur Village & Sy.Nos.191/4, 191/3, 191/5, 190, 198/1 & 191/6 of Varthur Village, Bangalore East Taluk, Bangalore Urban District by M/s. PRESTIGE OFFICE VENTURES (SEIAA 52 CON 2020) [SIA/KA/MIS/59355/2020]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Zaid Sadiq Executive Director M/s. PRESTIGE OFFICE VENTURES PRESTIGE GROUP, PRESTIGE FALCON TOWERS, NO.19, BRUNTON ROAD, BENGALURU -560025
2	Name & Location of the Project	"Prestige Tech Habitat" Survey No's. 190, 191/3, 191/4, 191/5, 191/6, 198/1 of Varthur Village, Varthur Hobli, 206/4, 207/6, 207/7, 220/2A, 220/2B, 220/3, 220/4, 220/6, 220/7, 220/9, 220/10, 211/7, 221/2, of Gunjur Village, Varthur Hobli, Bengaluru East

		Taluk, Bengaluru District	
3	Co-ordinates of the Project Site		
		Latitude	Longitude
		A 12°55'50.14"N	77°44'26.46"E
		B 12°55'49.40"N	77°44'21.16"E
		C 12°55'52.82"N	77°44'21.37"E
		D 12°56'1.16"N	77°44'19.13"E
		E 12°56'3.81"N	77°44'22.14"E
		F 12°56'9.94"N	77°44'21.92"E
		G 12°56'11.96"N	77°44'26.41"E
		H 12°56'8.88"N	77°44'28.38"E
		I 12°56'4.89"N	77°44'25.12"E
		J 12°55'56.43"N	77°44'24.57"E
		K 12°55'53.33"N	77°44'29.20"E
4	Environmental Sensitivity		
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Varthur Lake - 810m (NW) Gunjur lake - 1.4km (S)	
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There are nala in the project site and sufficient buffer of 15m for tertiary nala has been provided as per Norms.	
5	Type of Development		
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of Commercial office Building	
b.	Residential Township/ Area Development Projects	Not Applicable	
6	Plot Area (Sqmt)	95,201.50 Sqm	
07	Built Up area (Sqmt)	5,19,894.15 Sqm	
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The project involves construction of Commercial building with a configuration of 6 blocks. Block 1- 2B+4P+18F - 88.2m Block 2- 2B+4P+17F - 84.15m Block 3- 2B+4P+17F - 84.15m Block 4- 2B+4P+17F - 84.15m Block 5- 2B+4P+7F - 43.7m	

		Block 6- 2B+4P+17F- 84.15m Retail - 2 floors - 10.10m Maximum height of the building 88.2m.
9	Number of units in case of Construction Projects	Commercial building
10	Number of Plots in case of Residential Township/ Area Development Projects	Not applicable
11	Project Cost (Rs. In Crores)	493.85 Crores.
12	Recreational Area in case of Residential Projects / Townships	Not Applicable
13	Details of Land Use (Sqmt)	
a.	Ground Coverage Area	32638.29 Sqm
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	31,185.13 Sqm
d.	Internal Roads	23,449.85 Sqm
e.	Paved area	--
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	Total	95,201.5 Sqm
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Not Applicable since it is new project
b.	Total quantity of Excavated earth (in cubic meter)	Will be given at the time of EIA submission
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Will be given at the time of EIA submission
d.	Excess excavated earth (in cubic meter)	There is no excess excavated earth
e.	Plan for scientific disposal of excess excavated earth along	Backfilling, foundation, road area and for gardening

	with Coordinate of the site proposed for such disposal	
15	WATER	
I.	Construction Phase	
a.	Source of water	STP treated water for construction purpose External tanker water for domestic purposes
b.	Quantity of water for Construction in KLD	50 KLD
c.	Quantity of water for Domestic Purpose in KLD	18 KLD
d.	Waste water generation in KLD	15.3 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	will be treated in mobile toilet
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Domestic 1037 KLD
		Recycled 822 KLD
		Total 1859 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	1673 KLD
d.	STP capacity	275, 1025, 425 KLD
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology
f.	Scheme of disposal of excess treated water if any	Not found will be managed within the site
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	100Cum, 110Cum, 145Cum, 310Cum
b.	No's of Ground water recharge pits	60 no's
17	Storm water management plan	<ul style="list-style-type: none"> Land is gently sloping terrain and sloping towards West direction. Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn & roads. Rainwater collection tank of capacities 100Cum, 110Cum, 145Cum, 310Cum is proposed which will be provided to

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		<p>collect the roof run off, which will be reused after prior treatment.</p> <ul style="list-style-type: none"> 60 no's of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity - 40kg/day Solid waste will be collected manually and handed over to local body for further processing
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity - 3331 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 173 kg/day will be reused as manure for greenery development purposes.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity - 4992kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	POWER	
a.	Total Power Requirement - Operational Phase	BESCOM 19772 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	9X2000kVA 6X1500kVA
c.	Details of Fuel used for DG Set	High speed diesel fuel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Will be given at the time of EIA submission
20	PARKING	

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a.	Parking Requirement as per norms	Required = 5575 no's, Provided = 5608 no's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Will be given at the time of EIA submission
c.	Internal Road width (RoW)	Approach road width - 18 m Internal road width is - 8 m

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 248th meeting held on 21-07-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-I, Pre-feasibility report and clarification/additional information provided during the meeting.

The proponent has stated that he has made out an application during the month of March-2020 & started collecting data during the March-2020 and he could not continue the collection of data during month of April-2020 for the reason of COVID-19 lockdown and continued to collect data during the month of May-2020 and June -2020. In view of this the proponent requested the committee to permit him to adopt the same data for the preparation of EIA report, for which the committee agreed the request made by the proponent to adopt the same data for preparation of EIA report.

The Committee after discussion decided to appraise the proposal as B1 category as per EIA Notification 2006 and had decided to recommend the proposal to SEIAA for issue of standard TORs and the following additional TORs for conducting EIA study in accordance with EIA Notification 2006.

- 1) Details of the kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project
- 4) Management plan to utilize the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 6) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.

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- 9) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per norms.
- 10) List of existing and proposed trees species wise and number wise may be detailed and submitted.
- 11) The applicability of the recent Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 12) Sampling locations shall be as per standard norms.

Accordingly the TORs were issued from SEIAA on 28.08.2020 and the proponent submitted EIA report on 28.12.2020 to SEIAA.

The Proponent and Environment Consultant attended the 256th SEAC meeting held on 03-02-2021 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-I, Conceptual plan, EIA Report and clarification/additional information provided during the meeting.

This is a new proposal for construction of commercial building project. This project site extends over two villages. As per the village maps, there are three nalas passing across East to West direction. The proponent stated that these are tertiary nalas and 15 meter buffer has been left as per the norms. The proponent also stated that he will take up the works to strengthen these nalas and rejuvenation of nearby Gunjur lake. The proponent further clarified that the source of water is BWSSB.

As per the land conversion documents furnished, the lands are converted to Residential purpose, whereas the proposal is for construction of commercial establishment. When this was pointed out the proponent has stated that as per the Revised Master Plan, 2016, the commercial activities are permitted when the road width is more than 18meters and Road width adjacent to his project site is 30 meters. Hence the proponent stated that construction of commercial establishment is proposed as per the provision.

The committee also observed that there is a road passing within his project site. For this proponent has stated that he will leave this land as it is for public use and he will relinquish this land to the concerned Authorities.

As far as height clearance is concerned, the proponent has stated that he has approached the concerned Authorities and clearance certificate is yet to be received.

The proponent has also stated that he will utilize the entire excavated earth generated within his project site.





The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

Fresh Projects

256.7 Proposed Expansion of Residential Apartment Project at Khata No.1093, Sy.Nos.7/2, 8/2, 9/10, 9/11, 9/12, 9/13, 9/14, 9/15, 9/16, 10 & 55 of Agara Village, Begur Hobli, Bangalore South Taluk, Bangalore Urban District M/s. Sterling Developers Pvt. Ltd. (SEIAA 142 CON 2020) [SIA/KA/MIS/177621/2020]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sterling Developers Pvt Ltd., No.8, Cubbon Park Road, Level 5, Prestige Nebula, Oppo. Income Tax Office Building, Bengaluru 560 001
2	Name & Location of the Project	Proposed Expansion of Residential apartment Building at Khata No. 1093, Sy. No. 7/2, 8/2, 9/10, 9/11, 9/12, 9/13, 9/14, 9/15, 9/16, 10 and 55, Agara Village, Begur Hobli, Bangalore South Taluk by Sterling Developers Pvt Ltd
3	Co-ordinates of the Project Site	A 12.926608, 77.649313 B 12.926608, 77.649313 C 12.926608, 77.649313 D 12.926608, 77.649313 E 12.926608, 77.649313
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.)	Water bodies : Agara Kere: 900 mtr BellandurKere : 1.5 km Iblur Lake: 4.1 km
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if	Agara Kere: 900 mtr BellandurKere : 1.5 km Iblur Lake: 4.1 km

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	Applicable.	
5	Type of Development	
a.	New/Expansion/Modification	New
b.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment
c.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	Total site area 19051.95 sq.mt.
7	Built Up area (Sqm)	128232.62 sq.mt
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	No. of Building Blocks: Block 1 (Existing Block):1BF + GF + 12 UF Block 2 (Existing Block):1BF + GF + 12 UF Block 3: 2BF + GF + 18 UF Block 4: 2BF + GF + 18 UF Block-5: 1BF + GF + 18 UF
9	Number of units in case of Construction Projects	Existing 344 Nos, Proposed 26 Nos Total 370 Nos
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	147 Crores
12	Recreational Area in case of Residential Projects / Townships	As per local bye law recreational area will be provided
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	5170.46 Sqmtr (27.13%)
b.	Kharab Land	NIL
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6550.52 Sqmtr - 34 %
d.	Internal Roads	-
e.	Paved area	7006.6Sqmtr
f.	Others Specify	NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	19051.95 sq.mt.
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic	The proposed project is expansion and does not

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	meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	involve demolition works
b.	Total quantity of Excavated earth (in cubic meter)	Excavated will be utilized within the project.
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Utilized with in site
d.	Excess excavated earth (in cubic meter)	NIL
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER	
I.	Construction Phase	
a.	Source of water	Treated water for construction, bore well water for domestic
b.	Quantity of water for Construction in KLD	Treated water of around 10 KLD shall be used for construction purposes confirming to NCB code
c.	Quantity of water for Domestic Purpose in KLD	Around 2.25 KLD shall be required for domestic purpose during construction phase.
d.	Waste water generation in KLD	2 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during construction purpose shall be treated in Mobile STP.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 350 KLD
		Recycled -
		Total 350 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	315 KLD of sewage
d.	STP capacity	400 KLD STP
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	<ul style="list-style-type: none"> i. Landscaping - 72 KLD, ii. Terrace gardening- 20 KLD , iii. Flushing - 119 kld, iv. Internal road Maintenance- 10 KLD, v. Drive way and Pathway Cleaning - 10

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		KLD, vi. Nonportable purpose:74 KLD
16	Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off 200 Cum (115 KLD Existing and Additional 85 KLD Proposed)
	b.	No's of Ground water recharge pits 22 Nos
17	WASTE MANAGEMENT	
	I. Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms General earthwork excavation during the construction phase results in the loosening of the top soil. The excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development. Proper compaction and stabilization of the same will be ensured.
	II. Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms General Garbage organic of 894 Kgs / day Organic Waste will converted in to manure by organic converter & will be used for landscape development and STP of 40 Kgs/day Will be dewatered and used back as Manure for gardening.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms Inorganic waste 596 Kgs / day of Disposed through local municipal pick up vehicle
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms Around 5 KL per annum of used oil from Generator sets & 20 Nos. of oil filters shall be generated during operational phase. Shall be disposed to authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms 0.5 tons/Annum and disposed to Authorized recycler
18	POWER	
	a.	Total Power Requirement - Operational Phase 1110 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply Existing DG Sets: 500 KVA X 3 no 400 KVA X 2 nos
	c.	Details of Fuel used for DG Set Diesel with provision dual firing system
	d.	Energy conservation plan and Total energy savings from the proposed project is

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		Percentage of savings including plan for utilization of solar energy as per ECBC 2007	19.34 %.
19	PARKING		
	a.	Parking Requirement as per norms	Total Cars provided 680 Cars
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	A
	c.	Internal Road width (Row)	8 meter

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 03.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is an expansion proposal for Construction of Residential Apartment. Earlier the EC was issued on 20.3.2017 for a BUA of 77,666.64 Sqm. Now this proposal is for a BUA of 1,28,231.20 Sqm. with increase in BUA of 50,564.56 Sqm.

With regard to certified compliance to the earlier EC conditions the proponent has stated that he has submitted six monthly compliance to earlier EC conditions to the Regional Office, MoEF&CC, GoI, Bangalore and the concerned official have visited the site. The certification is yet to be received. The proponent has also stated that he will utilize the entire excavated earth generated within his project site.

The committee after discussion and deliberation decided to reconsider the proposal after receipt of following information.

1. Certified compliance to earlier EC conditions may be submitted.
2. CER activities in specific physical term may be submitted.

Action: Member Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting after receipt of the above clarification.

256.8 Proposed Residential Apartment Project at Site No.3 of Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban District by the M/s. BHAVYA BUILDERS (SEIAA 143 CON 2020) [SIA/KA/MIS/186860/2020]

M/s Bhavya Builders have proposed for Residential Apartment With Club House Project at Site No #03, Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban Dist. Project on a plot area of 7646.32 sqm.

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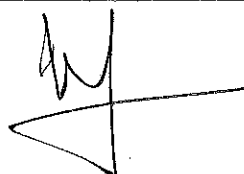
The total built up area is 23866.89 Sq.m. The proposed project consists of 168 units of Residential Apartments with Club House & Recreational facilities, with building configuration of B+GF+08 upper floors. Total parking space proposed is for 185 No's of Cars. Total water consumption is 113 (63 +50) KLD (Fresh water + Recycled water). The total wastewater generated is 101 KLD. The project proponent has proposed to construct Sewage Treatment Plant with a capacity of 110 KLD. The project cost is Rs 30.00 Crores.

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	VENKATESHWARLU NADELLA, Managing Partner M/s Bhavya Builders #501,Sai Sarovar Apts,#19/20, 13 th Main road, 7 th cross, BTM II nd Stage, Bangalore 560076
2	Name & Location of the Project	Site No #03, Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban Dist
3	Co-ordinates of the Project Site	NorthWest- 12° 51'38.34" N & 77° 46' 27.77" E North East- 12° 51'37.75" N & 77° 46'30.27" E SouthWest- 12° 51'34.82" N & 77° 46' 27.41" E SouthEast- 12° 51'34.33" N & 77° 46' 29.18" E Center-12° 51'36.51" N & 77° 46'28.54" E (At the centre of the site)
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake & other water bodies (Lake, Rajakaluve, Nala etc.,)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
		The distance of the property line from the NALA is about 200 mts-(SOUTH)
		There are no water bodies in the vicinity of the site
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
		RESIDENTIAL APARTMENT WITH CLUB HOUSE
		NA

6	Plot Area (Sq.M)	7646.32
7	Built Up area (Sq.M)	23866.89
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+GF+08 upper floors, club house & recreational facilities Ground coverage- 33.31% --- 2547.51sqmts Greenery - 33% ----- 2523.28sqmts Driveway - 33.69% ----- 2575.51sqmts
9	Number of units in case of Construction Projects	168 units
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	30
12	Recreational Area in case of Residential Projects / Townships	1146.95 Sqmts
13	Details of Land Use (Sq.M)	
	a.	Ground Coverage Area 2547.51Sq mts
	b.	Kharab Land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 2523.28 Sq mts
	d.	Internal Roads 1428.57 Sq mts
	e.	Paved area NA
	f.	Others Specify
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total 7646.32 Sqmts
14	Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter /MT) if it involves demolition of existing structure & Plan for re-use as per Construction & Demolition waste management Rules 2016, If Applicable NA
	b.	Total quantity of Excavated earth (in cubic meter) 9242
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter) The entire quantity will be used and there shall be no earth exported from our site
	d.	Excess excavated earth (in CUM) NA

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	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	THE ENTIRE QUANTITY WILL BE USED IN THE PROJECT ITSELF FOR a) BACKFILLING - 2773 cum b) Road developments- 1423 cum c) Greenery top soil used 5046 cum	
15	WATER			
	I. Construction Phase			
	a.	Source of water	Own STP	
	b.	Quantity of water for Construction in KLD	About 5 to 7 kl	
	c.	Quantity of water for Domestic Purpose in KLD	5	
	d.	Waste water generation in KLD	7.5 kl	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile S T P of 10 KLD treated water will be used for construction and dust suppression in the site.	
	II. Operational Phase			
	a.	Total Requirement of Water in KLD	Fresh	63
			Recycled	50
			Total	113
	b.	Source of water	YGPWSS , N O C letter enclosed	
	c.	Waste water generation in KLD	101	
	d.	STP capacity	110	
	e.	Technology employed for Treatment	SBR with extended aeration	
	f.	Scheme of disposal of excess treated water if any	Zero discharge plan	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	2No.s of UG Sumps of 0.10ML with impervious walls will be constructed to store the pre filtered rain water runoff from the terrace	
	b.	No's of Ground water recharge pits	08 No.s Recharge pits at the bottom of the peripheral drains will be constructed to recharge the ground water	
17	Storm water management plan		Peripheral drains all round the boundary with oil and grease traps , silt traps and catch basins before getting into the external storm drains	
18	WASTE MANAGEMENT			
	I. Construction Phase			

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	a.	Quantity of Solid waste generation and mode of Disposal as per norms	<p>1. Steel bits - about 2.2 tons sold to recyclers</p> <p>2. Concrete spill and debris used as road fill consolidation</p> <p>3. Plywood shuttering and centring material about 2800 Kgs will be given away to Brick kilns</p> <p>4. Waste mineral oils, lubricants about 600 Lts will be given to KSPCB approved Recyclers</p> <p>5. Exhausted paint containers, gunny sacks, electrical items, plumbing items and allied defunct spares of construction machinery about 4.50tons will be given away to KSPCB approved recyclers</p>
II. Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	226.8 Kgs processed in the organic waste converters to generate manure
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	151.2Kgs disposed to the Municipal approved garbage clearing contractors
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	About 200 lts, Disposed to KSPCB approved recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	21 Kgs will be stored and disposed to authorized recyclers from KSPCB
19 POWER			
	a.	Total Power Requirement - Operational Phase	750 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Supply	2 No. X 250KVA,
	c.	Details of Fuel used for DG Set	Low sulphur HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	26%
20 PARKING			
	a.	Parking Requirement as per norms	168 provided 185
	b.	Level of Service (LOS) of the connecting Roads as per the	"B"

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	Traffic Study Report	
c.	Internal Road width (RoW)	6.0mts as desired by the Fire dept norms

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 03.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is new proposal for construction of Residential Apartment. As per the village survey map there are no water bodies or nala within the project site which attracts buffer as per norms. The proponent stated that the source of water for the project is from Grmapanchayath. As far as CER is concerned the proponent has stated, that he will earmark Rs.60.00 lakh to take up renovation of toilets in Government Girls High school at Sarjapur, contribution towards safe drinking water Scheme under Panchayath, Primary Health Centre improvement project and Improvement to village road identified by the Panchayath.

The proponent has stated that he will utilize the runoff from paved area and surface area by providing suitable water storage tanks for primary purposes and landscaping after suitable treatment. The proponent has also stated that he will utilize the entire excavated earth generated within his project site.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.9 Proposed Expansion of Commercial Development Project at Municipal No.28A (Old No.28) of Sankey Road, Vasanth Nagar Ward, Bangalore Urban District by the M/s. MAC CHARLES (INDIA) LTD. (SEIAA 144 CON 2020) [SIA/KA/MIS/177316/2020]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Mac Charles (India) Ltd., Municipal No.28A (Old no 28), Sankey Road, Vasanth Nagar Ward, Bangalore - 560052
2	Name & Location of the Project	"Embassy Zenith" Expansion of Commercial Development Project (Office spaces)

		Municipal No.28A (Old no 28), Sankey Road, Vasanth Nagar Ward, Bangalore - 560052
3	Co- ordinates of the Project Site	Latitude: 12°59'24.68' N Longitude: 77°35'11.74' E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Sankey lake: 2.16 km (NW) Ulsoor lake: 3.32 km (SE)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. NA
5	Type of Development	
	a	New / Expansion / Modification Expansion project
	b	Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other Expansion of Commercial Development Project (Office spaces)
	c.	Residential Township/ Area Development Projects Not Applicable.
6	Plot Area (Sqm)	EC obtained: 9,204 sq m After expansion: No change
7	Built Up area (Sqm)	• EC Obtained: 64,657.40 sq m • Additional built up area: 20,473.76 sq m • After expansion: 85,131.16 sq m
8	Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors]	EC obtained: Commercial building (Office spaces) with 3 Basements + lower ground floor + upper ground floor + 12 upper floors + terrace level. After expansion: Commercial Building (Office Spaces) with 2 Basements + Ground + 27 Upper floors - (1 st to 6 th floors parking)
9	Number of units in case of Construction Projects	Commercial development project (Office spaces) with total built up area - 85,131.16 sq m
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In crores)	• EC obtained. Rs. 250.41 Crores

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	towards expansion cost	• After expansion: Rs. 305.49 Crores
12	Recreational Area in case of Residential Projects / Townships	-
13	Details of Land Use (Sqm)	
	a. Ground Coverage Area	3,204 sq m (after expansion)
	b. Kharab Land	-
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,360sq m (after expansion)
	d. Internal Roads	-
	e. Paved area	3,640sq m (after expansion)
	f. Others Specify	825 sq m (Podium landscape area)
	g. Parks and Open space in case of Residential Township/ Area Development Projects	-
	h. Total	9,204 sq m
14	Details of demolition debris and / or Excavated earth	
	a. Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	The project site had Hotel Le Meridien, the demolition of the existing buildings is not yet started. MoU has been executed between M/s. Mac Charles (India) Ltd., and Rock Crystals for deconstruction and decommissioning of the existing buildings. NoC from BBMP has been obtained for the same. The demolition work will be undertaken as per the Construction and Demolition Waste Management Rules, 2016.
	b. Total quantity of Excavated earth (in cubic meter)	The total quantity of excavated soil is about 2500 cum.
	c. Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Environmental clearance was obtained for 3 basements structures, now the proposal is for 2 basement structures and there is an increase of ground coverage area of 349 sq m. The net increase in excavation quantity is 2500 cum. The excavated soil will be used for backfilling, podium landscape development, paved area and formation activities in the newly excavated area.
	d. Excess excavated earth (in cubic	The excavated soil will be used for backfilling

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		meter)	podium landscape development, paved area and formation activities in the newly excavated area.	
	e	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA	
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	30 KLD (Sourced from BWSSB)	
	d	Waste water generation in KLD	27 KLD	
	e	Treatment facility proposed and scheme of disposal of treated water	The wastewater generated of capacity 27KLD will be collected and given to BWSSB authorized vendors for further treatment.	
II.	Operational Phase			
	a	Total Requirement of Water in KLD	Fresh	204 KLD
			Recycled	163 KLD
			Total	367 KLD
	b	Source of water	BWSSB	
	c	Waste water generation in KLD	331 KLD	
	d	STP capacity	340 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 90 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	32 recharge pits	
17	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 75 kg/day. It will be segregated and collected at a common	

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		designated place and will be handed over to BBMP for final disposal
I	Operational Phase	
I		
a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	977 Kg/day will be treated in an organic converter.
b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	651 Kg/day will be handed over to recyclers.
c	Quantity of Hazardous Waste generation and mode of Disposal as per norms	500 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
18	POWER	
a	Total Power Requirement - Operational phase	3,415 kVA will be supplied from BESCO
b	Number of DG set and capacity in KVA for Standby Power Supply	EC obtained: 3 x 1250 kVA capacity DG sets After expansion: 3 x 1500 kVA DG sets are proposed as against EC obtained DG sets
c	Details of Fuel used for DG Set	Ultra-Pure Low Sulphur Content Diesel
29	PARKING	
a	Parking Requirement as per norms	EC obtained: 889 Cars After expansion: 894 Cars
c	Internal Road width (RoW)	Fire drives are proposed.

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 03.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

The committee observed that this proposal is for modification of the commercial development project for which EC was issued on 27.02.2020 for a BUA of 64,657.4 Sqm. The proponent has stated that he has not started the construction work, hence the certified compliance to the earlier EC conditions have not been obtained.

Now this proposal is for overall BUA of 85,131.6 Sqm. The proponent has stated that there is an old existing building within the project site and it will be demolished. The necessary permission for demolition of this existing building has been obtained from BBMP Authorities. The proponent has also stated that he will dispose this demolition waste by KSPCB Authorized vendors.

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The proponent has stated that he will utilize the entire excavated earth generated within his project site. The proponent has also stated that he will go for green certification of the Building.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC with a condition that the proponent to submit CER activity in specific physical terms to SEIAA.

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

2:15 PM to 5:30PM

Fresh Projects

256.10 Proposed Building Stone Quarry Project at Sy.No.94/5 of Jeenahalli Village, Nyamathi Taluk, Davanagere District by Sri Kenchappa Venkatesh (SEIAA 360 MIN 2020) [SIA/KA/MIN/181559/2020]

Sri Kenchappa Venkatesh has applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Sy.No.94/5 of Jeenahalli Village, Nyamathi Taluk, Davanagere District in an area of 1-20 Acres of Patta Land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The proponent remained absent with intimation. The committee observed that as per the documents furnished, the land conversion order not submitted by the proponent. The committee after discussion and deliberation decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting after receipt of the above information.

256.11 Proposed Building Stone Quarry Project at Sy.Nos.249 & 250/2 of Kattage Village, Honnalli Taluk, Davanagere District by M/s. Revanna Siddeshwara Stone Crusher (SEIAA 361 MIN 2020) [SIA/KA/MIN/180581/2020]

M/s Revannasiddeshwar Stone Crusher has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.249,250/2 of Kattage Village, Honnalli Taluk, Davanagere District in an area of 1-39 Acres of Patta Land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is a new lease involving Building stone mining in Patta Land.



The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 07.09.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 07 meters within the mining area and the proposed proved quantity of 5,04,504 tonnes (Including waste) can be mined to a quarry pit depth of 11 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing mud road to a length of 350 meter connecting lease area to the all weather black topped road and the proponent has agreed to develop this road by Asphaltting/ metalling to avoid dust menace. As far as CER is concerned the proponent has stated that, he will earmark Rs.6,20,000.00 to take up rejuvenation of Kattage water pond (Desilting of water pond every year before monsoon), plantations in and around water pond and plantations both side of edge of Kattage Nala.

The committee observed that, as per the extended cluster sketch prepared by the DMG there are three leases including this lease within the radius of 500 mts from this lease area. The area of these three leases is 9-29 Acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 65,520 tonnes (Including waste). Considering the proved mineable reserve of 5,04,504 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years.

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

256.12 Proposed Building Stone Quarry Project at Sy.Nos.107/4, 107/6, 107/7 & 107/8 of Kattage Village, Honnalli Taluk, Davanagere District by M/s. Revanna Siddeshwara Stone Crusher (SEIAA 362 MIN 2020) [SIA/KA/MIN/180578/2020]

M/S Revannasiddeshwar Stone Crusher has applied for Environmental clearance from SEIAA for quarrying of Building Stone (M Sand) at Sy.No.107/4,107/6,107/7& 107/8 of Kattage Village, Honnalli Taluk, Davanagere District in an area of 5-10 Acres of Patta Land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The committee noted that this is a new lease involving Building Stone (M Sand) mining in patta land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 07.09.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 09 meters

within the mining area and the proposed proved quantity of 15,15,150 tonnes (Including waste) can be mined to a quarry pit depth of 17 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing mud road to a length of 450 meter connecting lease area to the all weather black topped road and the proponent has agreed to develop this road by Asphaltting/ metalling to avoid dust menace. As far as CER is concerned the proponent has stated, that he will earmark Rs 19,00,000.00 to take up rejuvenation of Madenahalli Nala (Desilting of Nalaevery year before monsoon), plantations on both side of Madenahalli Nala and maintenance of plantations, concrete small tanks (04 numbers) in nearby villages for animals and birds.

The committee observed that, as per the extended cluster sketch prepared by the DMG there are three leases including this lease within the radius of 500 mts from this lease area. The area of these three leases is 9-29 Acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 2,04,750 tonnes (Including waste). Considering the proved mineable reserve of 15,15,150 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years.

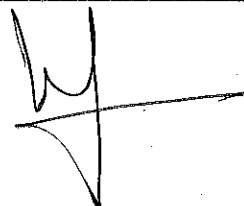
Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

256.13 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District by M/s. Channamallikarjuna Swamy Building Material Suppliers (SEIAA 363 MIN 2020) [SIA/KA/MIN/184535/2020]

M/s. Channamallikarjuna Swamy Buildinghas applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) in Part of Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District in an area of 2-22 Acres in Governmentland.

About the project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Channamallikarjuna Swamy Building Material Suppliers. Partner: Sri. B. Nagaraju, S/o Late B. P. Basavarajappa, Bettahalsur - Post,



		Bangalore North Taluk, Bangalore District, Karnataka.																		
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of M/s. Channamallikarjuna Swamy Building Material Suppliers. Sy No. 17, Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>CP</th> <th>LATTITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 18' 19.8"</td> <td>E 77° 39' 17.1"</td> </tr> <tr> <td>B</td> <td>N 13° 18' 17.4"</td> <td>E 77° 39' 15.3"</td> </tr> <tr> <td>C</td> <td>N 13° 18' 19.4"</td> <td>E 77° 39' 12.5"</td> </tr> <tr> <td>D</td> <td>N 13° 18' 22.1"</td> <td>E 77° 39' 13.9"</td> </tr> <tr> <td colspan="3">MAP DATUM- WGS 84</td> </tr> </tbody> </table>	CP	LATTITUDE	LONGITUDE	A	N 13° 18' 19.8"	E 77° 39' 17.1"	B	N 13° 18' 17.4"	E 77° 39' 15.3"	C	N 13° 18' 19.4"	E 77° 39' 12.5"	D	N 13° 18' 22.1"	E 77° 39' 13.9"	MAP DATUM- WGS 84		
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D	N 13° 18' 22.1"	E 77° 39' 13.9"																		
MAP DATUM- WGS 84																				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry																		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2590 R4)																		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	1.031 Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed in case of River sand	NA																		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry																		
12	Measurements of the existing quarry pits in case of	949.1 MSL Existing Level																		

	ongoing/expansion/modification of mining proposals other than river sand	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	36,662 tonnes/ annum of Ornamental Stone (Grey Granite), 7,856 tonnes/ annum of Khandas and 7,856 tonnes/ annum of Building Stone
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0m of top soil available in the unworked area of the site
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7856 tonnes per annum of waste will be generated which will be used as Building Stone.
16	Project Cost (Rs. In Crores)	1.42 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.60 Kms (NE) Nandi Reserved Forest - 5.16 Kms (NE)
	b. Nearest Human Habitation	Chikkagollahalli Village - 2.20 Kms(SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 9.23 Kms (SE)
	d. Water Bodies	Yambarahalli Pond -3.75 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2-13
	b. Waste Dumping Area	0-01 within buffer area
	c. Top Soil yard	
	d. Mineral Storage Area	0-01
	e. Infrastructure Area	within buffer area
	f. Road Area	0-01 within buffer area
	g. Green Belt Area	0-09
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	

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	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.08 KLD
			Domestic	2.30 KLD
			Other	0.62 KLD
			Total	7.0 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2011 for mining of Building Stone. Later on this lease has been Notified by C&I department for mining of Ornamental Stone on 07.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 27.08.2011 and he has carried out mining up to 2012-13 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 10 meters within the mining area and the proposed proved quantity of 1,99,151.4 Cum (out of which recovery is 70 % i.e. 1,39,406 Cum, khandas 15% i.e. 29,873 Cum and remaining 15% is Building Stone i.e. 29,873 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 25 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 630 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.2.74 lakh to take up distribution of nursery plants at Chikkagollahallivillage, construction of Rain water harvesting pits in Government Higher primary school at Chikkagollahallivillage, Solar Power Panels in Government Higher primary school at Chikkagollahallivillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster

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EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 19,914 Cum (out of which recovery is 70 % i.e. 13,940 Cum, khandas 15% i.e. 2,987 Cum and remaining 15% is Building Stone i.e. 2,987 Cum). Considering the proposed proved quantity of 1,99,151.4 Cum (out of which recovery is 70 % i.e. 1,39,406 Cum, khandas 15% i.e. 29,873 Cum and remaining 15% is Building Stone i.e. 29,873 Cum), the committee estimated the life of the mine as 10 years.

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

256.14 Proposed Building Stone Quarry Project at Sy.Nos.140/2, 140/6 & 140/7 of Hebbal Village, Davanagere Taluk, Davanagere District Sri K.H. Nagaraja (SEIAA 364 MIN 2020) [SIA/KA/MIN/180105/2020]

Sri K H Nagaraj s/o K Hanumanthappahas applied for Environmental clearance from SEIAA for quarrying of Building Stone (M Sand) at Sy.No.140/2,140/6 &140/7 of Hebbal Village, Davanagere Taluk, Davanagere District in an area of 12.00 Acres of patta land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is a new lease involving Building Stone(M Sand) mining in patta land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and he has applied for land conversion order and it is under process. The lease has been notified on 02.09.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 06 meters within the mining area and the proposed proved quantity of 33,34,500 tonnes (Including Waste) can be mined to a quarry pit depth of 18 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 500 mtr connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.27,00,000.00 to take up rejuvenation of Kodaganur Kere (Check dam, Desilting of Kodaganur Kere every year before monsoon), plantations on both side of edge of Madenahalli Nala and maintenance of plantations, small concrete water tanks (04 numbers) near by villages for animals and Birds.

The committee observed that, as per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

With the condition that land conversion will be submitted to SEIAA, the committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 2,87,820 tonnes (Including waste). Considering the proved mineable reserve of 33,34,500 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 12 years.

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

256.15 Proposed Building Stone Quarry Project at Sy.No.99/1 of Shidgnal Village, Ranebennur Taluk, Haveri District by Sri Durgappa K Napuri (SEIAA 365 MIN 2020) [SIA/KA/MIN/180102/2020]

Sri Durgappa K Napuri has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.99/1 of Shidgnal Village, Ranebennur Taluk, Haveri District in an area of 1.00 Acres of patta land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is a new lease involving Building stone mining in patta land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 25.06.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 02 meters within the mining area and the proposed proved quantity of 3,15,789 tonnes (Including waste) can be mined to a quarry pit depth of 15 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 700 mtr connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 3,00,000.00 to take up rejuvenation of Kere kudi halla (Desilting of Kere kudi halla every year before monsoon).

The committee observed that, as per the Cluster sketch prepared by the DMG there are two leases including this lease within the radius of 500 mts from this lease area. The area of these two leases is 10-04 acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 31,578 tonnes (Including waste). Considering the proved mineable reserve of 3,15,789 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years.

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



256.16 Proposed Building Stone Quarry Project at Sy.No.29/5 of Kurki Village, Davanagere Taluk & District an area of 1-00 Acre by Smt. Sujata K (SEIAA 366 MIN 2020) [SIA/KA/MIN/180143/2020]

Smt. Sujatha K W/O A H Kuberappa has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.29/5 of Kurki Village, Davanagere Taluk, Davanagere District an area of 1.00 Acres of patta land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is a new lease involving Building stone mining in Patta Land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and obtaining land conversion orderis under process. The lease has been notified on 03.09.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 12 meters within the mining area and the proposed proved quantity of 1,50,540 tonnes (Including Waste) can be mined to a quarry pit depth of 16 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 250 meter connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.4,00,000.00 to take uprejuvenation of Kurki Water pond (Desilting of Water pond every year before monsoon), plantations on both sides of Davanagere small canal.

The committee observed that, as per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance with a condition that the proponent to submit the land conversion order to SEIAA for an annual average production of 42,105 tonnes(Including waste).Considering the proved mineable reserve of 1,50,540 tonnes(Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 4years.

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

256.17 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.63 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District by Sri N. Ramamurthy (SEIAA 367 MIN 2020) [SIA/KA/MIN/185499/2020]

Sri N. Ramamurthyhas applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.63 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District)in an area of 1-00 Acres in Governmentland.

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About the Project

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri N. Ramamurthy S/o Narayanappa, Vidyanagar Cross, Bettahalsur Post, Bangalore North Taluk, Bangalore District, Karnataka - 562157		
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri N. Ramamurthy Sy No. 63, Mayasandra Village, Devanahalli Taluk, Bangalore Rural District, Karnataka		
3	Co-ordinates of the Project Site	Point	LATTITUDE	LONGITUDE
		A	N 13° 18' 26.3"	E 77° 39' 16.6"
		B	N 13° 18' 23.8"	E 77° 39' 16.6"
		X	N 13° 18' 23.8"	E 77° 39' 14.8"
		C	N 13° 18' 26.3"	E 77° 39' 14.8"
MAP DATUM- WGS 84				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2658)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.4047 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	It's Ornamental Stone (Grey Granite) and Building Stone Quarry		

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	guideline 2016		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		945.2 MSL Existing Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		4300 tonnes/ annum of Ornamental Stone (Grey Granite), 921 tonnes/ annum of Khandas and 921 tonnes/ annum of Building Stone
14	Quantity of Topsoil/Over burden in cubic meter		Most of the quarry site already worked and about 1.0 m of topsoil is available in unworked area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		921 tonnes per annum of waste will be generated which will be used as Building Stone.
16	Project Cost (Rs. In Crores)		0.91 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Dibbagiri Reserved Forest - 3.45 Kms (NE) Nandi Reserved Forest - 5.09 Kms (NE)
	b.	Nearest Human Habitation	Mayasandra Village - 0.60 Kms(NE)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 8.30 Kms (SE)
	d.	Water Bodies	Yambarahalli Pond - 3.66 Kms(NE)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0-25
	b.	Waste Dumping Area	0-01 within buffer area
	c.	Top Soil yard	
	d.	Mineral Storage Area	0-01
	e.	Infrastructure Area	within buffer area
	f.	Road Area	0-01 within buffer area
	g.	Green Belt Area	0-15
	h.	Unexplored area	--
	i.	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanised Method
21	Rate of Replenishment in case		NA

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	River sand project			
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.95 KLD
			Domestic	0.60 KLD
			Other	0.75 KLD
			Total	4.3 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.


This is an old lease granted during 2005 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 07.07.2005 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 4 meters within the mining area and the proposed proved quantity of 23,352 Cum, (out of which recovery is 70 % i.e. 16,346 Cum, khandas 15% i.e. 3,503 Cum and remaining 15% is Building Stone i.e. 3,503 Cum) which is reflected in approved quarry plan, can be mined to a quarry pit depth of 8 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 0.54KM connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.82 lakh to take up distribution of nursery plants at Mayasandra village, construction of Rain water harvesting pits in Government Lower primary school at Mayasandra village, Solar Power Panels in Government Lower primary school at Mayasandra village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500

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meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 2,336 Cum (out of which recovery is 70 % i.e. 1,635 Cum, khandas 15% i.e. 350 Cum and remaining 15% is Building Stone i.e. 350 Cum). Considering the proposed proved quantity of 23,352 Cum (out of which recovery is 70 % i.e. 16,346 Cum, khandas 15% i.e. 3,503 Cum and remaining 15% is Building Stone i.e. 3,503 Cum), the committee estimated the life of the mine as 10 years.

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

256.18 Proposed Building Stone Quarry Project at Sy.No.448(P) of Hasuvinakavalu Village, Periyapatna Taluk, Mysuru District (1-00 Acre) by Sri Abdul Mallik (SEIAA 368 MIN 2020) [SIA/KA/MIN/185526/2020]

Sri. Abdul Mallik has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.448(P) of Hasuvinakavalu Village, Periyapatna Taluk, Mysuru District in an area of 1-00 Acres of Revenue Land.

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease (QL. No. 59/416) involving Building Stonemining in Government Revenue Land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. This is an old lease for which the lease was granted on 10.10.2006 for 5 years. The lease deed was extended till 09.10.2021 vide DMG order dated 15.06.2020. The proponent has stated that as per the approved quarry plan there is a level difference of 23 meters within the mining area and the proposed proved quantity of 1,72,376 tons can be mined to a quarry pit depth of 25 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 500mtr connecting lease area to the all-weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.50 Lakhs to construct check dam at a suitable location, to the first order stream, located at a distance of 261m on south side, with locally available boulders.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee observed that the lease deed is expiring on 09.10.2021. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 9,684 tonnes (Including waste) till the lease period i.e. till 09.10.2021.

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

256.19 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2582) an area of 0-36 Acre by Sri B.R. Ramanjani (SEIAA 369 MIN 2020) [SIA/KA/MIN/185466/2020]

Sri B. R. Ramanjani has applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, in an area of 0-36 Acres in Governmentland

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri B. R. Ramanjani, S/o B. N. Ramakrishnappa, Bettahalsur - Post, Jala Hobli, Bangalore North - Taluk, Bangalore District, Karnataka
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri B. R. Ramanjani Sy No. 17, Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, Karnataka

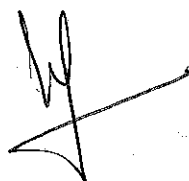
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		CORNER PILLARS	LATTITUDE	LONGITUDE
3	Co-ordinates of the Project Site	A	N 13° 18' 13.3"	E 77° 39' 13.5"
		B	N 13° 18' 08.7"	E 77° 39' 11.4"
		C	N 13° 18' 09.0"	E 77° 39' 10.8"
		D	N 13° 18' 13.6"	E 77° 39' 12.8"
		MAP DATUM- WGS 84		
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2582)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.364 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	948.2 MSL Existing Level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,369 tonnes/ annum of Ornamental Stone (Grey Granite), 936 tonnes/ annum of Khandas and 936 tonnes/ annum of Building Stone		
14	Quantity of Topsoil/Over burden in cubic meter	Most of the quarry site already worked and about 1.0 m of topsoil is available in unworked area		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	936 tonnes per annum of waste will be generated which will be used as Building		

		Stone.
16	Project Cost (Rs. In Crores)	0.91 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.84 Kms (NE) Nandi Reserved Forest - 5.50 Kms (NE)
	b. Nearest Human Habitation	Chikkagollahalli Village - 0.45 Kms(SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 9.43 Kms (SE)
	d. Water Bodies	Yambarahalli Pond -3.90 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-20
	b. Waste Dumping Area	0-01 within buffer area
	c. Top Soil yard	
	d. Mineral Storage Area	0-01
	e. Infrastructure Area	within buffer area
	f. Road Area	0-01 within buffer area
	g. Green Belt Area	0-16
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Borewell from the village
	b. Total Requirement of Water in KLD	Dust Suppression 2.95 KLD
		Domestic 0.50 KLD
		Other 0.75 KLD
		Total 4.2 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (Specify)	NA

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The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2007 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 06.11.2007 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 9 meters within the mining area and the proposed proved quantity of 23,728 Cum, (out of which recovery is 70 % i.e. 16,610 Cum, khandas 15% i.e. 3,559 Cum and remaining 15% is Building Stone i.e. 3,559 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 10 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 760 meter connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.1.82 lakh to take up distribution of nursery plants at Chikkagollahalli village, Construction of Rain water harvesting pits in Government Higher primary school at Chikkagollahalli village, Solar Power Panels in Government Higher primary school at Chikkagollahalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places. The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 2,373 Cum (out of which recovery is 70 % i.e. 1,661 Cum, khandas 15% i.e. 356 Cum and remaining 15% is Building Stone i.e. 356 Cum. Considering the proposed proved quantity of 23,728 Cum (out of which recovery is 70 % i.e. 16,610 Cum, khandas 15% i.e. 3,559 Cum and remaining 15% is Building Stone i.e. 3,559 Cum), the committee estimated the life of the mine as 10 years.

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



256.20 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.63 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2658) an area of 1-00 Acre by Sri B.S. Mahesh & Smt. Saraswathamma (SEIAA 370 MIN.2020) [SIA/KA/MIN/185499/2020]

Sri B.S Mahesh & Smt. Saraswathammahas applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite)at Part of Sy.No.17 of ChikkagollahalliVillage, DevanahalliTaluk, Bangalore RuralDistrict,inan area of 1-32Acres in Governmentland.

Sl. No	PARTICULARS	INFORMATION																								
1	Name & Address of the Project Proponent	Sri. B.S Mahesh & Smt. Saraswathamma. Bettahalsur - Post, Jala Hobli, Bangalore North Taluk, Bangalore District, Karnataka-562157																								
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of B.S Mahesh & Smt. Saraswathamma. Sy No. 17, Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, Karnataka																								
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>CORNER PILLAR</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 18' 17.4"</td> <td>E 77° 39' 15.3"</td> </tr> <tr> <td>B</td> <td>N 13° 18' 15.2"</td> <td>E 77° 39' 13.7"</td> </tr> <tr> <td>C</td> <td>N 13° 18' 15.7"</td> <td>E 77° 39' 12.8"</td> </tr> <tr> <td>D</td> <td>N 13° 18' 16.5"</td> <td>E 77° 39' 13.1"</td> </tr> <tr> <td>E</td> <td>N 13° 18' 17.3"</td> <td>E 77° 39' 11.4"</td> </tr> <tr> <td>F</td> <td>N 13° 18' 19.4"</td> <td>E 77° 39' 12.5"</td> </tr> <tr> <td colspan="3" style="text-align: center;">MAP DATUM- WGS 84</td> </tr> </tbody> </table>	CORNER PILLAR	LATITUDE	LONGITUDE	A	N 13° 18' 17.4"	E 77° 39' 15.3"	B	N 13° 18' 15.2"	E 77° 39' 13.7"	C	N 13° 18' 15.7"	E 77° 39' 12.8"	D	N 13° 18' 16.5"	E 77° 39' 13.1"	E	N 13° 18' 17.3"	E 77° 39' 11.4"	F	N 13° 18' 19.4"	E 77° 39' 12.5"	MAP DATUM- WGS 84		
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F	N 13° 18' 19.4"	E 77° 39' 12.5"																								
MAP DATUM- WGS 84																										
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry																								
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2581 R4)																								
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land																								

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7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	0.7284 Ha	
9	Actual Depth of sand in the lease area in case of River sand	NA	
10	Depth of Sand proposed to be removed in case of River sand	NA	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	960 MSL Existing Level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	17,680 tonnes/ annum of Ornamental Stone (Grey Granite), 3,789 tonnes/ annum of Khandas and 3,789 tonnes/ annum of Building Stone	
14	Quantity of Topsoil/Over burden in cubic meter	Most of the quarry site already worked and about 1.0 m of topsoil is available in unworked area	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,789 tonnes per annum of waste will be generated which will be used as Building Stone.	
16	Project Cost (Rs. In Crores)	0.84 crores	
17	Environmental Sensitivity		
	a.	Nearest Forest	Dibbagiri Reserved Forest - 3.78 Kms (NE) Nandi Reserved Forest - 5.48 Kms (NE)
	b.	Nearest Human Habitation	Mayasandra Village - 0.45 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 9.38 Kms (SE)
	d.	Water Bodies	Yambarahalli Pond -3.85 Kms(NE)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-17
	b.	Waste Dumping Area	0-01

			within buffer area	
	c.	Top Soil yard		
	d.	Mineral Storage Area	0-01	
	e.	Infrastructure Area	within buffer area	
	f.	Road Area	0-01 within buffer area	
	g.	Green Belt Area	0-15	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.90 KLD
			Domestic	1.24 KLD
			Other	1.26 KLD
			Total	5.40 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2011 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 20.09.2011 and he has carried out mining up to 2014-15 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 7 meters within the mining area and the proposed proved quantity of 96,035 Cum, (out of which recovery is 70 % i.e. 67,224 Cum, khandas 15% i.e. 14,405 Cum and remaining 15% is Building Stone i.e. 14,405 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 20 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 750 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.82lakh to take up distribution of nursery plants at Chikkagollahalli village,

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construction of Rain water harvesting pits in Government Higher primary school at Chikkagollahalli village, Solar Power Panels in Government Higher primary school at Chikkagollahalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 9,603 Cum (out of which recovery is 70 % i.e. 6,722 Cum, khandas 15% i.e. 1,441 Cum and remaining 15% is Building Stone i.e. 1,441 Cum. Considering the proposed proved quantity of 96,035 Cum out of which recovery is 70 % i.e. 67,224 Cum, khandas 15% i.e. 14,405 Cum and remaining 15% is Building Stone i.e. 14,405 Cum), the committee estimated the life of the mine as 10 years.

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

256.21 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2600) an area of 0-30 Acre by Sri B.S. Guruprasad (SEIAA 371 MIN 2020) [SIA/KA/MIN/185276/2020]

Sri. B. S. Guruprasad has applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite at Part of Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, in an area of 0-30 Acres in Government land

About the Project,

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. B. S. Guruprasad S/o B.P Shivshankarappa, Bettahalsur - Post, Bangalore North - Taluk, Bangalore District, Karnataka

2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri B. S. Guruprasad Sy No. 17, Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, Karnataka		
3	Co-ordinates of the Project Site	CP	LATTITUDE	LONGITUDE
		A	N 13° 18' 18.2"	E 77° 39' 16.9"
		B	N 13° 18' 15.2"	E 77° 39' 14.9"
		C	N 13° 18' 15.6"	E 77° 39' 14.1"
		D	N 13° 18' 18.7"	E 77° 39' 16.2"
MAP DATUM- WGS 84				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2600)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.3035 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	955 MSL Existing Level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3435 tonnes/ annum of Ornamental Stone (Grey Granite), 736 tonnes/ annum of		

		Khandas and 736 tonnes/ annum of Building Stone.	
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 m of topsoil available in the unworked area of the site.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	736 tonnes per annum of waste will be generated which will be used as Building Stone.	
16	Project Cost (Rs. In Crores)	0.88 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.50 Kms (NE) Nandi Reserved Forest - 5.32 Kms (NE)	
	b. Nearest Human Habitation	Chikkagollahalli Village - 2.19 Kms(SW)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 9.00 Kms (SE)	
	d. Water Bodies	Yambarahalli Pond - 3.80 Kms(NE)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	0-18	
	b. Waste Dumping Area	0-01 within buffer area	
	c. Top Soil yard		
	d. Mineral Storage Area	0-01	
	e. Infrastructure Area	within buffer area	
	f. Road Area	0-01 within buffer area	
	g. Green Belt Area	0-12	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Borewell from the village	
	b. Total Requirement of Water in KLD	Dust Suppression	2.96 KLD
		Domestic	0.49 KLD
		Other	0.75 KLD
		Total	4.20 KLD

23	Storm water management plan	Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (Specify)	NA

The subject was appraised in the 256th SEAC meeting held on 03.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2009 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 30.09.2009 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 8 meters within the mining area and the proposed proved quantity of 18,654 Cum, (out of which recovery is 70 % i.e. 13,058 Cum, khandas 15% i.e. 2,798 Cum and remaining 15% is Building Stone i.e. 2,798 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 8 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 670 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.1.76lakh to take up distribution of nursery plants at Chikkagollahallivillage, construction of Rain water harvesting pits in Government Higher primary school at Chikkagollahallivillage, Solar Power Panels in Government Higher primary school at Chikkagollahallivillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 1,866 Cum (out of which recovery is 70 % i.e. 1,306 Cum, khandas 15% i.e. 280 Cum and remaining 15% is Building Stone i.e. 280 Cum. Considering the proposed proved quantity of 18,654 Cum out

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of which recovery is 70 % i.e. 13,058 Cum, khandas 15% i.e. 2,798 Cum and remaining 15% is Building Stone i.e. 2,798 Cum), the committee estimated the life of the mine as 10 years.

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

Subjects Appraised on 4th February 2021 at 10:00am To 1:30pm

Members present in the meeting:


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

EIA Projects

256.22 Proposed Commercial Building Project at Plot No.2 of Kadugodi Plantation Industrial Area, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. INDIA SATCOM LTD. (SEIAA 45 CON 2020)[SIA/KA/MIS/190360/2020]

M/s. India Satcom Ltd has proposed for Commercial Building Project at Plot No. 2, Kadugodi Plantation Industrial Area, Bidarahalli Hobli, Bangalore East Taluk, Bangalore-560067 on a plot area of 40,308.0 sq.m.

The total built up area is 1,79,382.67sq.m. The proposed project consists of 4 wings, Wing 1 having 2 Basements + Ground Floor + 13 Upper Floors, Wing 2 & 3 each having 2 Basements + Ground Floor + 10 Upper Floors & Wing 4 having 2 Basements + Ground Floor + 8 Upper Floors. Total parking space proposed is for 1478 No's of Cars. Total water consumption is 400 KLD (Fresh water + Recycled water). The total wastewater generated is 380 KLD. The project proponent has proposed to construct Sewage Treatment Plant with a capacity of 550 KLD. The project cost is Rs 370 Crores.




About the Project

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Mr. Goldwin Samuel Durai, Managing Director, M/s. INDIA SATCOM LTD, No. 3, Lavelle Road, Bangalore - 560001.		
2	Name & Location of the Project	Proposed Commercial Building project "SILICON FOREST BY MFAR" at Plot No. 2, Kadugodi Plantation Industrial Area, Bidarahalli Hobli, Bangalore East Taluk, Bangalore - 560067.		
3	Co-ordinates of the Project Site	Corner Points	Latitude	Longitude
		A	12°59'27.82"N	77°44'54.13"E
		B	12°59'24.14"N	77°44'54.73"E
		C	12°59'25.22"N	77°44'42.35"E
		D	12°59'29.07"N	77°44'42.50"E
4	Environmental Sensitivity			
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Nallurahalli Lake - 1.87 kms(SW)	
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There is no lake within 75 meter from the site boundary.	
5	Type of Development			
	a.	Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building	
	b.	Residential Township/ Area Development Projects	No	
6	Plot Area (Sqm)	The total site area is 40,308.0sq.m.		
7	Built Up area (Sqm)	The Gross BUA is 1,79,382.67sq.m.		

8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Commercial building project comprising of 4 wings, Wing 1 having 2 Basements + Ground Floor + 13 Upper Floors, Wing 2 & 3 each having 2 Basements + Ground Floor + 10 Upper Floors & Wing 4 having 2 Basements + Ground Floor + 8 Upper Floors. The total site area is 40,308.0 sq.m. and The Gross BUA is 1,79,382.67 sq.m.	
9	Number of units in case of Construction Projects	--	
10	Number of Plots in case of Residential Township/ Area Development Projects	-	
11	Project Cost (Rs. In Crores)	370 Crores	
12	Recreational Area in case of Residential Projects / Townships	NA	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	11,756.00 sqm (29.16%)
	b.	Kharab Land	Nil
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	13,311.00 sq.m (33.04%)
	d.	Internal Roads and Service area	13,151.4sq.m (32.62%)
	e.	Paved area	-
	f.	Others Specify	2,089.60 sq.m (5.18 %): Surface Parking
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	40,308.0sq.m.
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	No demolition is involved.
	b.	Total quantity of Excavated earth (in cubic meter)	3,17,442.12cu.m.
	c.	Quantity of Excavated earth propose to be used in the Project	3,17,442.12 cu.m.

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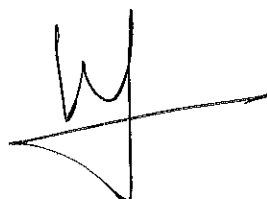
	site (in cubic meter)	
d.	Excess excavated earth (in cubic meter)	Nil
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	No disposal
15	WATER	
I.	Construction Phase	
a.	Source of water	From Nearby treated water suppliers
b.	Quantity 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 109.9
		Recycled 239 +51.1 =290.1
		Total 400
b.	Source of water	BWSSB
c.	Waste water generation in KLD	380KLD
d.	STP capacity	550 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	640 cu.m.
b.	No's of Ground water recharge pits	40 Nos.
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day

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	Disposal as per norms	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	539.32 kg/day. Biodegradable waste will be converted in organic convertor.			
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	808.98kg/day. Non- Biodegradable waste will be handed over to authorized recyclers			
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Hazardous Waste generation will be very less			
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	9047.31 KW			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2000 KVA x 5 Nos. and 1 X 1010 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	Description of System / Service	Conventional System in KW	Proposed System in KW	Savings in KW
		Solar Water Heaters for 20,000 litres Hot Water / Day	1000	-	1000
		HVAC System / Peak per Hour	6500	5500	1000
		V VV F drives for	750	600	150

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			lifts /Peak per Hour				
			Solar PV for External and Landscape Lights / Day	50	-	50	
			Occupancy sensors in enclosed spaces / Day	-	15 % of 250	35	
			LED Lights in place of Fluorescent Lights for 11 Lakh Sq.Ft.	1650	880	770	
			3,005 KW (33.21 %)				
20	PARKING						
	a.	Parking Requirement as per norms	One car spacing for 1units as the floor area is between 50 sq.m. to 225 sq.m Parking required is 1344+134 cars=1478 Nos Parking Provided is 1478Ecs which is as Per NBC and MoEF Norms				
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	19.05 m wide ITPL Main road in front of the site				
	c.	Internal Road width (RoW)	8m				

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 248th meeting held on 21-07-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-I, Pre-feasibility report and clarification/additional information provided during the meeting.

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The proponent has stated that the proposal is in the land allotted by KIADB and is in the Kadugodi Plantation Industrial area.

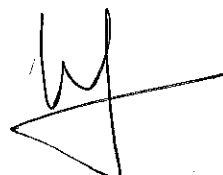
The proponent has stated that he has made out an application during the month of March-2020 & started collecting data during the March-2020 and he could not continue the collection of data during month of April-2020 for the reason of COVID-19 lockdown and continued to collect data during the month of May-2020 and June -2020. In view of this the proponent requested the committee to permit him to adopt the same data for the preparation of EIA report, for which the committee agreed the request made by the proponent to adopt the same data for preparation of EIA report.

The Committee after discussion decided to appraise the proposal as B1 category as per EIA Notification 2006 and had decided to recommend the proposal to SEIAA for issue of standard TORs and the following additional TORs for conducting EIA study in accordance with EIA Notification 2006.

- 1) Details of the kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project
- 4) Management plan to utilize the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 6) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per norms.
- 10) List of existing and proposed trees species wise and number wise may be detailed and submitted.
- 11) The applicability of the recent NGT order/supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 12) Sampling locations shall be as per standard norms.

Accordingly the TORs were issued from SEIAA on 21.08.2020 and the proponent submitted EIA report on 30.12.2020 to SEIAA.

The Proponent and Environment Consultant attended the 256th SEAC meeting held on 03.02.2021 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-I,



Conceptual plan, EIA Report and clarification/additional information provided during the meeting.

As per the village survey map there are no water bodies or nalas which attracts buffer as per norms.

This is a proposal for construction of commercial building in Kadugodi plantation industrial area. The committee observed that land is allotted by KIADB for industrial purpose, whereas the proposal is for commercial purpose. When this was pointed out the proponent stated that as per the zoning regulations (RMP-2015) the area comes under industrial (General) category and under this category ancillary land use categories are R (Residential), C4 (Commercial4), U2 and T3 (Transportation3). Under C4 commercial uses all uses of C1, C2 and C3 are permitted under C3 commercial uses and corporate offices are allowed. Hence the proponent stated that the site can be developed for commercial offices and in this regard he has submitted the documents.

The proponent also stated that the source of water supply is BWSSB and in support of this he has submitted the demand note for NOC from BWSSB. He has also stated that he will install Biogas plant of capacity 1 TPD to treat the organic waste generated. The proponent also stated that he will plant bamboo trees all along the project site in addition to local tree species.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.23 Manufacturing Unit Project at Plot Nos.57 & 58, Humnabad Industrial Area, Bidar District by M/s. Sri Venkata Sai Organics (SEIAA 25 IND (VIOL) 2018) [SIA/KAIN2/59333/2018]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Smt.S.Sarojini Devi (Proprietor) Flat No.3-6-536, Raja Residency, 3-6-536, Road.No.7, Himayat Nagar, Hyderabad-500029.

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2	Name & Location of the Project	M/S. Sri Venkata Sai Organics Plot No.57 & 58, Humnabad Industrial area, Bidar District, Karnataka-585330.	
3	Co-ordinates of the Project Site	Latitude 17°45'34.54" N Longitude 77°5'43.74" E (center co-ordinates)	
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	No
	b.	Distance from Protected area notified under wildlife protection act	No
	c.	Distance from the interstate boundary	No
	d.	whether located in critically / severally polluted area as per the CPCB norms	No Notified/Recognized polluted area within 15km distance (Aerial).
5	New/ Expansion/ Modification/ Product mix change	Expansion & product mix change	
6	Plot Area (Sq m)	8000	
7	Built Up area (Sq m)	2616.6 (Existing-737.6 & Proposed-1879)	
8	Component of developments	Existing Capacity : 420 MTPA Deletion Capacity: 300 MTPA New Addition: 1572 MTPA Total capacity after proposed expansion: 1692 MTPA Details given in Form-I Pt. No. 5 Proposed construction details are provided in Table 6.1 of PFR.	
9	Project cost (Rs. In Crores)	INR 12 Crores	
10	Details of Land Use (Sq m)		
	a.	Ground Coverage Area	2616.6 (Existing-737.6 & Proposed-1879)
	b.	Kharab Land	Nil
	c.	Internal Roads	Nil
	d.	Paved area	

	e.	Parking	NA	
	f.	Green belt	2500	
	g.	Others Specify	Vacant land- 3621	
	h.	Total	8000 (1.97 Acres)	
11	Products and By- Products with quantity		Existing Capacity : 420 MTPA Deletion Capacity: 300 MTPA New Addition: 1572 MTPA Total capacity after proposed expansion: 1692 MTPA	
12	Raw material with quantity and their source (enclose as Annexure if necessary)		Raw materials requirement proposed products are given in Annexure-3.	
13	Mode of transportation of Raw material and storage facility		The raw materials and finished products will be transported by road. All chemicals used in the process are stored in a designated area with proper labels in warehouse.	
14	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Not applicable	
15	WATER			
	I	Operational Phase		
	a.	Source of water	KIADB and Private Tankers	
	b.	Total Requirement of Water in KLD	Existing	26.9
			Proposed	145.022
			Total	171.92
	c.	Requirement of water for industrial purpose / production in KLD	Existing	26.1
			Proposed	143
			Total	169.1
	d.	Requirement of water for domestic purpose in KLD	Existing	0.8
			Proposed	2.0
			Total	2.8
	e.	Waste water generation in KLD	Industrial effluent	2.8
			Domestic sewage	169.1
			Total	171.9
	f.	ETP/ STP capacity	Domestic sewage will be treated by septic tank followed by soak pit. Industrial effluent will be treated by ETP with capacity of 150 KLD.	
	g.	Technology employed for	ZLD and Septic tank followed by soak	

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		Treatment	pit.					
	h.	Scheme of disposal of excess treated water if any	Treated water recycled. Solid will be sent to TSDF					
16	Air Pollution							
	a.	Sources of Air pollution	Reactors, Distillation process, DG sets and Boilers					
	b.	Composition of Emissions	Acid mist, fugitive Vapours					
	c.	Air pollution control measures proposed and technology employed	Scrubbing and Stacks as per CPCB guideline					
17	Noise Pollution							
	a.	Sources of Noise pollution	Generators, Reactors and Compressors					
	b.	Expected levels of Noise pollution in dB	App., 70 to 75 dB(A)					
	c.	Noise pollution control measures proposed	Sound acoustic and Noise insulators					
18	WASTE MANAGEMENT							
	I.	Operational Phase						
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (kg/d)		Existing-0 Proposed-50			
			Non- Biodegradable (kg/d)		Existing- 5 Proposed-10			
	b.	Quantity of E waste generation with source and mode of Disposal as per norms	NA					
19	POWER							
	a.	Total Power Requirement in the Operational Phase with source	S	Descr	Existi	Propo	Total	Source
			1	ption	Capa	Capa	Capa	
			1	Power requir	65KV A	685K VA	750K VA	GESCO M
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	S	Descr	Existing	Proposed	Total	
			1	ption	Cap	Q	Capac	Q
			1	D.Gset (KVA)	160	1	600	1 760 2
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	S	Descr	Existin	Propos	Total	Sourc
			1	ption	Capac	Capac	Capac	e
			1	Diesel requir ement	100	200	300	HP

			2	Boiler Fuel (TPD)	1.5 TPD	10 TPD	11.5 TPD	Coal / Briquettes
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	NA						

The Proponent and Environment Consultant attended the 199thSEAC meeting held on 02.06.2018 to provide clarification/additional information.

M/s. Sri Venkata Sai Organics is an existing industry and engaged in manufacture of bulk drugs intermediates, Active pharmaceuticals ingredients. The project falls under schedule 5(f), synthetic Organic chemicals under category B. The present proposal is for expansion. Since the industry was operating without E.C, it comes under violation category.

The committee appraised the proposal as per the Notification dated: 8-3-2018 issued by MoEF & CC considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. The committee after discussion decided to recommend the proposal to SEIAA for issue of Standard ToRs and following additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines and to conduct public hearing.

1. Present the compliance to earlier conditions given by KSPCB- CFO C.
2. Establish with layout plan the adoption of GMP for manufacturing your products supported by P & ID.
3. Sketch the location of the additional infrastructure in the plan of the existing industrial site.
4. Give the details of disposal of debris generated during expansion.
5. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
6. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
7. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
8. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.

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9. Evaluate and present the existing and proposed water balance based on expansion.
10. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
11. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
12. Identify and evaluate the steps in the manufacturing of your products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipments and mitigation measures adopted, emergency preparedness and onsite emergency plan.
13. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
14. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
15. Evaluate the hydrogenation and Grignard reaction processes and give a detailed description of the safety measures and precautions taken.
16. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
17. Compatibility of the different waste generated, including their segregation and storage.
18. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NAB, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
19. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
20. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
21. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
22. The Proponent shall assess the environmental damage done due to use of septic tank and soak pit.

Accordingly the TORs were issued from SEIAA on 05.07.2018 and the proponent submitted EIA report on 31.12.2020 to SEIAA.



The Proponent and Environment Consultant attended the 256thSEAC meeting held on 04.02.2021 to provide clarification/additional information. The committee observed that the proponent is operating the unit without EC and with CFO, Hence categorized under Violation category.

During appraisal the committee observed that individual product wise pollution loads is not submitted. The the proponent stated that he will estimate the same and submit. The proponent also stated that he has ZLD unit to treat the effluent generated.

The proponent stated that based on the assessment there is negligible damage due to the manufacturing of products without obtaining prior EC, hence he has not proposed remediation plan for damage assessment, natural resource augmentation plan and community resource augmentation plan not proposed. However he has allocated Rs. 10.00 Lakh which is approximately 10 % of the profit earned by the proponent during the violation period. However the committee after discussion and deliberation decided that site inspection may be carried out by the following members and a report to be submitted to access the violation as per the guidelines issued by MoEF &CC for Further Appraisal. Shri Ravikumar J K, Scientific Officer to accompany the sub committee for co ordination for the inspection.

Sl.No	Name	Designation
1.	Shri. S. K. Gali,	Chairman
2.	Shri. Sharanabasava Chandrashekhar Pilli	Member
3.	Shri. J. B. Raj	Member
4.	Dr. Shekar H.S	Member
5.	Shri. Nanda Kishore	Member
6.	Dr. Sarvamangala R. Patil	Member

Action: Member Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting after decision of the sub committee visit.

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Fresh Projects

256.24 Proposed Residential cum Neighborhood Shops Project at Sy.Nos.742/15BP, 742/14BP, 742/16P1, 742/16P2, 741/2, 741/3, 741/4B1P, 126/6P1, 126/6P2, 126/6P3, 126/5P1, 126/5P2, 126/5P3, 126/5P4, 126/5P5 of Kadri Village, Mangalore Taluk, Dakshina Kannada District by Mr. K. Shrinath Hebbar (SEIAA 146 CON 2020) [SIA/KA/MIS/185586/2020]

About the Project

1.	<p>Name & location details of the project with</p> <p>a) Colored Google map</p> <p>b) Enlarged CDP map</p> <p>c) Contour map with RLs.</p> <p>d) Dated site Photographs.</p>	<p>Project Name: ALTURA - Residential Project with Neighborhood Shops</p> <p>Location: Sy.No.s: 742/15BP, 742/14BP, 742/16P1,742/16P2, 741/2, 741/3, 741/4B1P, 126/6P1, 126/6P2, 126/6P3,126/5P1, 126/5P2, 126/5P3,126/5P4, 126/5P5 at Kadri Village, Dakshina Kannada DistrictMangalore, Karnataka</p> <p>Site Co-ordinates:</p> <table border="1"> <thead> <tr> <th>Direction</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>North-west Corner</td> <td>12°52'21.67" N</td> <td>74°51'28.19" E</td> </tr> <tr> <td>North-east Corner</td> <td>12°52'21.96" N</td> <td>74°51'29.09" E</td> </tr> <tr> <td>South-west Corner</td> <td>12°52'18.01" N</td> <td>74°51'29.13" E</td> </tr> <tr> <td>South-east Corner</td> <td>12°52'18.21" N</td> <td>74°51'29.91" E</td> </tr> </tbody> </table>	Direction	Latitude	Longitude	North-west Corner	12°52'21.67" N	74°51'28.19" E	North-east Corner	12°52'21.96" N	74°51'29.09" E	South-west Corner	12°52'18.01" N	74°51'29.13" E	South-east Corner	12°52'18.21" N	74°51'29.91" E
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2.	<p>Name of project proponent & address</p>	<p>K. ShrinathHebbar and Others "Milestone25", 5th Floor, Shop No.514 Door No. 15-5-223/140 Collectors' Gate Junction Balmatta , Mangalore - 575002</p>															
3.	<p>Name of the consultant and accreditation</p>	<p>Aditya Environmental Services Pvt. Ltd. 107, Hiren Light Industrial Estate Moghul Lane, Mahim BhagojiKeer Rd Marinagar Colony Mahim Mumbai, Maharashtra - 400016 Accreditation vide' QCI NABET's letter no. NABET/EIA/01/12/006, dated 31st January,</p>															

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		2011, Category B for Building and large construction projects including shopping malls, multiplexes, commercial complexes, housing estates, hospitals, institutions (sector no. 36)	
4.	Land use plan, previous land use and land conversion details:	No change in lands use. The previous land use was residential. The intensity of landuse will increase.	
5.	Particulars of sensitive areas and water bodies with distance from the property.	1. Netravathi river Approx. 3.4 km* towards West 2. Gurupur river Approx. 3.1 km* towards South 3. Arabian Sea Approx. 4.4 km* towards West (*Aerial Distances)	
6.	New/Expansion/modernization	New	
7.	Status of organization	Group of land owners, Authroisation to ShrinathHebbar	
8.	Nature of project	Residential Tower with Neighborhood Shops	
	Building & Construction Project	Building with built up area: 31,819.32 sq.m Single tower of B + G + 32 Floors	
9.	Height of the building (in m)	113.90 m	
	Existing road width in front of the project site (in m)	24m & 12m	
	Distance to the nearest Fire Station (in km)	Fire Station, Pandeshwar, Mangalore : 4.11 km (Road Distance)	
10.	Project cost in Rs. (in Lakhs)	8200	
11.	Land records/particulars submitted	Yes (Submitted with Form 1 of Annex VII)	
12.	Details of source of water	Construction Phase	Operation Phase
		2 Existing Bore wells and Mangalore City	Mangalore City Corporation (MCC)

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		Corporation (MCC) Supply	Supply
13.	<ul style="list-style-type: none"> • If the source of water is other than BWSSB, is scientific assessment report along with impact on competitive users enclosed? • Does the project come under grey area? If so status of CGWA permission 	<p>Not applicable as the source of water is from Mangalore City Corporation (MCC) Supply</p> <p>No, not applicable.</p>	
14.	Water requirement (KLD) along with water balance chart.	<p>Construction Phase: Approx. 100 kld during peak construction period</p> <p>Operation Phase: Total water requirement is 92 KLD (58KLD fresh water + 34KLD recycle water)</p> <p>Water Balance Chart is submitted with Form 1 of Annex IV.</p>	
15.	Submitted NOC from competent Authority for water supply?	Yes/No	Name of Authority
		Yes	Mangalore City Corporation (MCC) (Refer Appendix II)
16.	Laborers details		
	Location of the laborer camp:	No labour colony is proposed at the site	
	No. of laborers	100	
	No. of toilets provided for them	8	
	Method of Waste water/Sewage disposed	UGD of Mangalore City Corporation (MCC)	
	Size of the Septic Tank & Soak pit	Not applicable	
	Solid waste generated by laborers camp (kg/day) and it disposal details	<p>10 kg/day solid waste will be generated</p> <p>1. Domestic waste: Will be composted and rest shall be sent to MSW site.</p> <p>2. Liquid waste: The sewage generating from the temporary toilets will be treated in mobile STP. Care will be taken to ensure</p>	

		that the water used for construction purposes does not accumulate at the Project site.
17.	Excavated Earth: Quantity (in Cum) and its disposal plan	Earthwork will be for foundation work only as site is lower than the natural ground level.
18.	If disposed off in other's property, agreement for same	Not Applicable
19.	Construction debris	<ol style="list-style-type: none"> 1. Concrete wastage and wasted mortar: will be crushed, aggregated and mixed with other road sub-base construction material. Waste/damaged construction material, sieved sand, broken brick bats and chipped plaster will also be used in the construction of roads, and for backfill, under margins/pitching of storm water drains, periphery curbing of roads etc. Broken tiles, wasted sanitary ware, broken glass and other glazed/vitrified material will be collected, broken again into suitable size pieces and used for exposed structures of the buildings and on the floors of parking/parking approaches. 2. Metal scraps: will be sold to local scrap dealers for onward recycling. 3. Waste packaging material and wooden waste, used plastic bags of cement and other construction material: will be sold back to the supplier for reuse. 4. Excavated Material - Substratum removed during foundation will be partially used for refilling at site.
20.	Size of STP (KLD) and Technology adopted with flow diagram.	100kld of STP with Sequential Batch Reactor Technology with flow diagram enclosed in Appendix III to this document.
21.	Disposal of excess treated waste water:	38 KLD of treated water will be recovered and used for flushing, Miscellaneous washing and horticulture. Treated water conforming to KSPCB's standard for ground disposal will be used.


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	Does sewer line exist? If not, give the plan for disposal.	Yes		
22.	Solid waste generated	Type	Quantity (MT/day)	Mode of Disposal
	Approx. 245 kg/day	Biodegradable	122	After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) and will be used as manure at the Project site.
		Non-biodegradable	98	Recyclable shall be sold to the vendors. Non-degradable waste shall be sent to the nearest sanitary Landfill site.
		Inert	24	Sent to Common Solid waste Management facility.
23.	Hazardous waste generated	Sump oil from the standby DG to be sold to Authorized Recyclers.		
24.	Rain water harvesting proposed with details of recharge pits and collection sump.	4 Number of recharge pits will be proposed with Rain water harvesting collection tank of 309.9 m ³ /hr.		
25.	Power requirement with source:	Requirement: Approx. 1,100 Kva Source: Mangalore Electricity Supply Company Limited (MESCOM)		
26.	DG sets details with number and capacity:	1 DG set of 500 kVA + 1 DG set of 200 kVA and 1 transformer of 750 kVA with fuel requirement of (Diesel) approx. 290 l/hr		

27.	<p>Energy conservation devices proposed in the project and savings in percentage</p>	<ul style="list-style-type: none"> • LED Lamps will be utilized to illuminate passages and toilet whenever applicable in place of CFL as they work on higher Lumen efficacy. • Solar energy will be utilized as solar lights in common passages and parking areas, solar water heaters provided in residential units. • Separate lighting circuit feeders and distribution boards are proposed from raw power circuits. • For commercial areas task lighting schemes will be adopted to reduce wastage of lights. • Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. • Street lights will be controlled using seasonal programmable timers to reduce consumption. • The size of the motor to be kept considering 80% load to obtain highest efficiency performance. • All higher rating motors are proposed with soft starters to save energy during starting and to achieve smooth starting of motor. • Timers shall be provided for corridors/ car park lighting. • Thermal Glazing ST-167 will be used as wall material, energy efficient motors are proposed. LED lights will used be in fixtures. <p>Savings in percentage 20%</p>
28.	<ul style="list-style-type: none"> • Landscape plan proposed (in Sq.m& percentage) <p>On natural earth:</p> <p>On podium:</p>	<p>Landscape Area: 920.0sq.m (16.8%) of the total plot area</p> <p>820 Sq.m</p> <p>100 Sq.m</p>
	<ul style="list-style-type: none"> • Number of trees cut & retained. 	<p>Green area of 920sq.m will be provided on ground. Total 85 large trees and shrubs will</p>

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	<ul style="list-style-type: none"> • List of tree species proposed (with emphasis on local and fruit/flower bearing species & number): 	<p>be grown on the periphery and grass on the podium. Trees with large canopy and seasonal flowers are proposed for plantation around the site. The following are the proposed trees:</p>																																				
		<table border="1"> <thead> <tr> <th>Botanical Name</th> <th>Common Name</th> <th>No. of Trees Proposed</th> </tr> </thead> <tbody> <tr> <td>Mangifera indica</td> <td>Mango tree</td> <td>5</td> </tr> <tr> <td>Thespesia populnea</td> <td>Portia tree</td> <td>5</td> </tr> <tr> <td>Achras zapota</td> <td>Sapota</td> <td>5</td> </tr> <tr> <td>Michalea champaca</td> <td>Golden champa</td> <td>10</td> </tr> <tr> <td>Azadirachta indica</td> <td>Neem tree</td> <td>2</td> </tr> <tr> <td>Syzygium cumini</td> <td>Jamun</td> <td>10</td> </tr> <tr> <td>Artocarpus altalis</td> <td>Bread fruit</td> <td>8</td> </tr> <tr> <td>Bauhinia purpurea</td> <td>Purple bauhinia</td> <td>10</td> </tr> <tr> <td>Alstonia scholaris</td> <td>Devil tree</td> <td>15</td> </tr> <tr> <td>Syzygium jambos</td> <td>Rose apple</td> <td>15</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total Trees</td> <td>85</td> </tr> </tbody> </table>	Botanical Name	Common Name	No. of Trees Proposed	Mangifera indica	Mango tree	5	Thespesia populnea	Portia tree	5	Achras zapota	Sapota	5	Michalea champaca	Golden champa	10	Azadirachta indica	Neem tree	2	Syzygium cumini	Jamun	10	Artocarpus altalis	Bread fruit	8	Bauhinia purpurea	Purple bauhinia	10	Alstonia scholaris	Devil tree	15	Syzygium jambos	Rose apple	15	Total Trees		85
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Total Trees		85																																				
29.	Parking facilities provided: Cars Two-Wheelers	Cars: 239 Nos. Two Wheelers: 41 Nos.																																				
30.	Status of construction	Not started yet																																				
31.	Legal issues pending (if any)	No																																				

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

The committee observed that there are two village maps for the project site under consideration. As per these village maps there are no water bodies or nalas, which attracts buffer as per norms. The proponent has stated that there are three existing buildings that will be demolished taking permission from concerned Authorities before starting the construction.

As far as CER is concerned the proponent has stated, that he will earmark Rs.165.00 lakh for rejuvenation of Varanga lake, Hebri, Udupi and construction of school building, sanitation units & infrastructure development programme, organizing skill development programme on organic farming and eco tourism, in Kabbinala village, Karkala taluka, Udupi.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.25 Proposed Residential Apartment Project at BBMP Khatha No.356, Sy.No.12 of Sannathammanahalli Village, K.R.Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District M/s. KINGSTON VENTURES INDIA PVT. LTD. (SEIAA 147 CON 2020) [SIA/KA/MIS/188286/2020]

M/s. Kingston Ventures India Pvt. Ltd., have proposed for construction of Residential Apartment, Residential Hostel and Commercial Building Project on a plot area of 6,774.78Sq.mt. The total built up area is 23,185.18 Sq.mt. The proposed project consists of 115 No's of residential units, 27 No's of hostel rooms and commercial space distributed over BF+GF+4UF. Total parking space proposed is for 171No's of Cars. Total water consumption is 94 KLD (Fresh water + Recycled water). The total wastewater generated is 85 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 95 KLD. The project cost is Rs. 25 Crores.

About the project

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Mr. Jyotheeswar .A. Managing Director, M/s. Kingston Ventures India Pvt. Ltd., No. 28, Ground Floor, 7 th Cross, 8 th Phase, 2 nd Block, EWS Layout, J.P Nagar, Bengaluru- 560 076.
2.	Name & Location of the Project	Development of "Residential Apartment, Residential Hostel and Commercial Building" At BBMP Khatha No. 356, Sy. No. 12, Sannathammanahalli Village, K.R Puram Hobli, Bengaluru East Taluk,

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		Bengaluru
3.	Co-ordinates of the Project Site	<p>a) Latitude : 13 Deg 01 Min 24.31 Sec N Longitude : 77 Deg 41 Min 38.90 Sec E</p> <p>b) Latitude : 13 Deg 01 Min 26.07 Sec N Longitude : 77 Deg 41 Min 38.89 Sec E</p> <p>c) Latitude : 13 Deg 01 Min 24.31 Sec N Longitude : 77 Deg 41 Min 37.82 Sec E</p> <p>d) Latitude : 13 Deg 01 Min 22.41 Sec N Longitude : 77 Deg 41 Min 39.02 Sec E</p> <p>e) Latitude : 13 Deg 01 Min 23.96 Sec N Longitude : 77 Deg 41 Min 39.66 Sec E</p>
4.	ENVIRONMENTAL SENSITIVITY	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
5.	TYPE OF DEVELOPMENT	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
6.	Plot Area (Sqm)	6,774.78 Sq.mt
7.	Built Up area (Sqm)	23,185.18 Sq.mt
8.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project is coming up with 115 Nos. of residential units, 27 Nos. of hostel rooms and a commercial space with built up area 2,240.70 Sq.mt; sprawled across B+GF+4UF.
9.	Number of units in case of Construction Projects	115 Nos. of Residential Units and 27 Nos. of Hostel rooms

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10.	Number of Plots in case of Residential Township/ Area Development Projects	NA
11.	Project Cost (Rs. In Crores)	Rs. 25 Crores
12.	Recreational Area in case of Residential Projects / Townships	-
13.	DETAILS OF LAND USE (SQM)	
a.	Ground Coverage Area	3,280.06 Sq.mt
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,200.98 Sq.mt
d.	Internal Roads	1,083.18 Sq.mt
e.	Paved area	-
f.	Others Specify	Road widening area- 210.56 Sq.mt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	6,774.78 Sq.mt
14.	DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	There is no demolition work
b.	Total quantity of Excavated earth (in cubic meter)	9,296 m ³
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	9,296 m ³
d.	Excess excavated earth (in cubic meter)	-
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Excavated soil is used within the project site
15.	WATER	
I.	Construction Phase	
a.	Source of water	STP Tertiary treated water for construction

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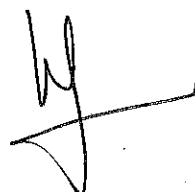
		& External Tanker water suppliers for domestic use.
b.	Quantity of water for Construction in KLD	16 KLD
c.	Quantity of water for Domestic Purpose in KLD	3 KLD
d.	Waste water generation in KLD	2.7 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be lifted to BWSSB sewage treatment plant through external agencies for further treatment.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 62 KLD
		Recycled 32 KLD
		Total 94 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	85 KLD
d.	STP capacity	95 KLD
e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology
f.	Scheme of disposal of excess treated water if any	Excess treated water of 32 KLD will be utilized for avenue plantation/construction works
16.	INFRASTRUCTURE FOR RAINWATER HARVESTING	
a.	Capacity of sump tank to store Roof run off	65 m ³
b.	No's of Ground water recharge pits	9 Nos.
17.	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on northern side of the site.
18.	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to BBMP. Construction debris -23 m ³ This will be reused within the site for road and pavement formation

II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	142 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	214 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 : 0.3645 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	986 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA - 1 No. & 250 kVA -1 No.
c.	Details of Fuel used for DG Set	157.14 L/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	1) Copper wound transformer, 2) Solar water heaters & Solar Lighting,, 3)Using PHE pumps & 4) Using LED The overall energy savings is around 27 %
20.	PARKING	
a.	Parking Requirement as per norms	171 Nos. (171 Nos. Provided)
b.	Internal Road width (ROW)	12 m (ROW)

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is a proposal for construction of Residential Apartment. As per the village survey map there are no water bodies or nala which attract buffer as per norms also there is a road kharab land of 04 Guntas on the southern side of the project site, for which the

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proponent has stated that he has left this land as it is. The proponent also stated that the source of water is BWSSB.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3.00 lakh for drinking water facility and conducting Health camp for the students and staff of Government School, V.B Layout, Krishnarajapura, Bangalore.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.26 Proposed Residential Apartment Project at Khata No.656/403, Sy.No.53/3 of Whitefield Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District by M/s ELV Projects Pvt.Ltd. (SEIAA 148 CON 2020) [SIA/KA/MIS/188526/2020]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. ELV Projects Pvt Ltd., No. 602, 6 th Stage, 16 th Cross, BEML Layout, Bangalore-560067
2	Name & Location of the Project	Proposed Residential Apartment Project at Khatha No. 656/403, Sy No. 53/3, Whitefield Village, K R Puram hobli, Bangalore East Taluk, Bangalore
3	Co-ordinates of the Project Site	12°58'07.27"N 77°44'48.79"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	NA.
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5	Type of Development	Residential Building
a.	Residential Apartment / Villas / Row Houses / Vertical Development	Residential Building

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		/ Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	NA
6		Plot Area (Sqm)	14,163.91 m ²
7		Built Up area (Sqm)	86,496.73 m ²
8		Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential building B+G+22UF
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	381 Units
11		Project Cost (Rs. In Crores)	90
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5,181.15 Sqm (38.48%)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,933.39 sqm (36.64%)
	d.	Internal Roads	8.0 mts Width
	e.	Paved area	3,350.0 Sqm (24.88%)
	f.	Others Specify	NA
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	13,464.51 Sqm
14		Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA
	b.	Total quantity of Excavated earth (in cubic meter)	28,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 12,000 For Landscape=7,000 For Internal Road making = 9, 000

	d.	Excess excavated earth (in cubic meter)	NA	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA	
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	173
			Recycled	87
			Total	260
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	235	
	d.	STP capacity	250 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 108 KLD treated water is used for avenue plantation and excess treated water is used for secondary domestic purpose after treating in RO unit.	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	160 m ³	
	b.	No's of Ground water recharge pits	10 No's	
17	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	514 kg/day converted in to organic manure and used for garden	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	343 Kg/day given to PCB authorized recycler	

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	100 Kg/year given to PCB authorized recycler
18		POWER	
	a.	Total Power Requirement - Operational Phase	1500 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 2 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	23% we have achieved
20		PARKING	
	a.	Parking Requirement as per norms	452
	b.	Internal Road width (RoW)	8.0 mts

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is a new proposal for Residential Apartment. As per the village survey map there is a water body on the eastern side of the project site. For which the proponent has stated that the post office has been constructed in this area and alienation has been done by concerned Authorities. The proponent also stated that the source of water is BWSSB. Earth excavated to be utilized fully for the project.

As far as CER is concerned the proponent has stated, that he will earmark Rs.12.00 lakh for creating infrastructure for drinking water supply, sanitation and health, organizing education & skill development programme and avenue plantation in whitefield village.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

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256.27 Proposed Residential Apartment Project at Sy.No.96 of Thanisandra Village, Bangalore East Taluk, Bangalore Urban District by M/s. Saudha Developers India Pvt. Ltd (SEIAA 149 CON 2020) [SIA/KA/MIS/188499/2020]

About the Project

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	M/s. Saudha Developers India Pvt Ltd., 8-2-96/51, Road No.3, Radio colony, Chintalkunta Check post, Chintalkunta, Rangareddy District, Telangana - 500074	
2	Name & Location of the Project	Development of Residential Apartment project Sy No. 96 of Thinisandra village, K R Puram hobli, Bangalore East Taluk, Bangalore	
3	Co-ordinates of the Project Site	a) 13° 3'47.73"N 77°38'6.94"E	b) 13° 3'45.07"N 77°38'16.28"E
		c) 13° 3'43.73"N 77°38'15.36"E	d) 13° 3'45.66"N 77°38'6.25"E
4	Environmental Sensitivity		
	a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	NA	
	b. Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA	
5	Type of Development	Residential Apartment project	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project	
	b. Residential Township/ Area Development Projects	NA	
6	Plot Area (Sqm)	14,163.57 sqm	
7	Built Up area (Sqm)	49,956.21 sqm	

8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A & Block B: B+S+12 UF
9	Number of units in case of Construction Projects	288
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	Rs. 53 Cr.
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a. Ground Coverage Area	3,127.0 Sqm (22.07%)
	b. Kharab Land	NA
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,390.70 Sqm (31.0%)
	d. Internal Roads	8.0 mts Width
	e. Paved area	6,645.87 Sqm (46.92%)
	f. Others Specify	NA
	g. Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h. Total	
14	Details of demolition debris and / or Excavated earth	
	a. Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA
	b. Total quantity of Excavated earth (in cubic meter)	15000
	c. Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 7000 For Landscape= 3,000 For Internal Road making =5, 000
	d. Excess excavated earth (in cubic meter)	NA
	e. Plan for scientific disposal of excess excavated earth along	NA

		with Coordinate of the site proposed for such disposal	
15	WATER		
	I. Construction Phase		
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II. Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh 150
			Recycled 75
			Total 225
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	203
	d.	STP capacity	205
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be used to floor washing, & given to nearby construction projects / avenue plantation
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	150
	b.	No's of Ground water recharge pits	15
17	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities
	II. Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	432 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	288 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste	100-150 Lts/one B check given to PCB

	generation and mode of Disposal as per norms	authorized recycler
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	150 Kg/year given to PCB authorized recycler
18	POWER	
a.	Total Power Requirement - Operational Phase	1152 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	220 KVA X 2 nos.
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	18.90% we are achieved
19	PARKING	
a.	Parking Requirement as per norms	326
b.	Internal Road width (RoW)	8.0 mts

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is a new proposal for construction of Residential Apartment. As per the village survey map there is a nala running across East-West direction. In this regard the proponent submitted Note sheet of Concerned Authorities of BBMP, in which it is mentioned that BDA has developed layouts adjacent to this project site and also the drainages have been developed. The notesheet also mentions that the physical characteristics of nala is not there as per Tahsildhar report. Hence, in the note sheet it was mentioned as there is no need to leave buffer. The proponent also stated that source of water supply is BWSSB. The proponent has stated that he will utilize the entire excavated earth generated within his project site.

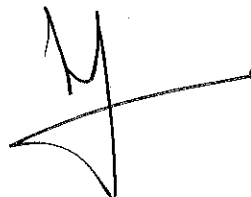
As far as CER is concerned the proponent has stated, that he will earmark Rs.10.00 lakh for creating infrastructure for drinking water supply, sanitation and health, education & skill development programme and avenue plantation in Thanisandra village.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

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256.28 Proposed Residential Apartment Project at Sy.Nos.77, 175/1, 175/2A, 175/2B, 176/2A, 176/2B & 177 of Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Godrej Properties Limited (SEIAA 150 CON 2020) [SIA/KA/MIS/188932/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Mohammed Samiulla, DGM-Liaison M/s. Godrej Properties Limited Prestige Obelisk, Kasturba Road, 10th Floor, Ambedkar Veedhi, SampangiRamnagara, Bengaluru - 560001
2	Name & Location of the Project	Proposed Residential Apartment at Sy No. 77, 175/1, 175/2A, 175/2B, 176/2A, 176/2B & 177, Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore-560087 by M/s. Godrej Properties Limited
3	Co-ordinates of the Project Site	A 12.89240693 77.70700747 B 12.89283947 77.70606532 C 12.89342358 77.70633072 D 12.89390141 77.70526574 E 12.89329098 77.70498765 F 12.89343673 77.7046744 G 12.89135637 77.7041262 H 12.89031142 77.70610785 I 12.89083683 77.70633213 J 12.89131048 77.70537461 K 12.8918467 77.70560097 L 12.89163877 77.70604283 M 12.89211866 77.70630018 N 12.89189697 77.70680935
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Water bodies : Hadosiddapura Lake -0.5 Km (W) Halanayakanahalli Lake-1.75Km (W) Gattahalli Lake - 2.5km (S)
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per	Hadosiddapura Lake -0.5 Km (W) Halanayakanahalli Lake-1.75Km (W) Gattahalli Lake - 2.5km (S)

	NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5	Type of Development	
a.	New/Expansion/Modification	New
b.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment
c.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	Total site area 51991.92 sqm (Total Area 54420.03 sqm, B Karab - 2428.11 sqm)
7	Built Up area (Sqm)	Total Builtup Area 143404.38 sqm
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	All the Towers will have Lower Basement, Upper Basement. Tower A to G - Ground + 27 Floors Tower H - Ground + 25 Floors Tower J - Ground + Five Floors Tower K - Ground + Five Floors Tower L - Ground + Five Floors Total no of Flats = 1098 nos Including club house
9	Number of units in case of Construction Projects	1098 Units
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	160 Crores
12	Recreational Area in case of Residential Projects / Townships	As per local bye law recreational area will be provided
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4531.54 sqm (9.27%)
b.	Kharab Land	NIL
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Area for Landscape on Ground=13880.0 sqm(28.4%) Area for Landscape on Podium=13552.8 sqm(27.7%) total area for landscaping is =27,432.8 sqm (52.7%)
d.	Internal Roads	-

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e.	Paved area	16434.6607 Sqmtr
f.	Others Specify	NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	51991.92 sqm (Total Area 54420.03 sqm, B Karab - 2428.11 sqm)
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	The proposed project is developed in vacant plot doesn't involves any kind of C and D.
b.	Total quantity of Excavated earth (in cubic meter)	The proposed project doesn't involves any basement structures, foundation soil excavated will be utilized within the project.
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Utilized with in site
d.	Excess excavated earth (in cubic meter)	NIL
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER	
I.	Construction Phase	
a.	Source of water	Treated water for construction , bore well water form domestic
b.	Quantity of water for Construction in KLD	Treated water of around 10 KLD shall be used for construction purposes confirming to NCB code
c.	Quantity of water for Domestic Purpose in KLD	Around 13.5 KLD shall be required for domestic purpose during construction phase.
d.	Waste water generation in KLD	10.8 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during construction purpose shall be treated in Mobile STP.

	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>790.26 KLD</td> </tr> <tr> <td>Recycled</td> <td>-</td> </tr> <tr> <td>Total</td> <td>790.26 KLD</td> </tr> </table>	Fresh	790.26 KLD	Recycled	-	Total	790.26 KLD
Fresh	790.26 KLD								
Recycled	-								
Total	790.26 KLD								
	b.	Source of water	Gram panchayath						
	c.	Waste water generation in KLD	241.52 KLD of sewage and Wastewater generation is 469.41 KLD						
	d.	STP capacity	245 KLD STP and 470 KLD WWTP						
	e.	Technology employed for Treatment	SBR						
	f.	Scheme of disposal of excess treated water if any	i. For gardening: 230 KLD ii. For Internal Road maintenance: 100 KLD iii. Driveway and pathway cleaning: 95 KLD iv. For Flushing: 251 KLD						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	410 Cum (3 Nos Rain Water Collection Tank of 190 cum, 105 cum, and 115 cum capacity)						
	b.	No's of Ground water recharge pits	26 Nos						
17	Storm water management plan		Furnished in the EMP Report						
18	WASTE MANAGEMENT								
	I.	Construction Phase							
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	General earthwork excavation during the construction phase results in the loosening of the top soil. The excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development. Proper compaction and stabilization of the same will be ensured.						
	II.	Operational Phase							
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	General Garbage organic of 1338 Kgs / day Organic Waste will converted in to manure by organic converter & will be used for landscape development and STP of 36.75 Kgs/day Will be dewatered and used back as Manure for gardening.						
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Inorganic waste 892 Kgs / day of Disposed through local municipal pick up vehicle						

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Around 2 KL per annum of used oil from Generator sets & 18 Nos. of oil filters shall be generated during operational phase. Shall be disposed to authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	0.5 tons/Annum and disposed to Authorized recycler
19	POWER		
	a.	Total Power Requirement - Operational Phase	Zone-1 : 2104KVA Zone-2: 2385KVA Total for Zone-1 & 2: 4489KVA Transformer : Zone-1 : 500KVA x 5nos, Zone-2: 500KVA x 5nos + 250KVA x 1no @ 90% loading
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG Sets: Zone-1: 500KVA x 2nos + 250KVA x 1no Zone-2: 500KVA x 3nos Maximum Demand: 2396 KVA.
	c.	Details of Fuel used for DG Set	Diesel with provision dual firing system
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings from the proposed project is 19.34 %.
20	PARKING		
	a.	Parking Requirement as per norms	Total Cars provided 1436 Cars
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	A
	c.	Internal Road width (Row)	8 meter
21	Any other information specific to the project (Specify)		NA

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, IA conceptual plan and clarification/additional information provided during the meeting.

This is a new proposal for construction of Residential apartment. As per the village survey map there are no nala or water bodies which attract buffer as per norms. However there is a lake on the northern side at a distance of 200 meter from the project site, and also there is government land adjacent to northern side of the project site. The proponent has stated that he will utilize the entire excavated earth generated for the project. The proponent

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also stated that source of water supply is Gram Panchayath for which the proponent produced Grama panchayath NoC.

As far as CER is concerned the proponent has stated, that he will earmark Rs.240.00 lakh to take up drainage facility, drinking water facility, primary health care facility, rain water harwesting, construction of low cost latrine, plantation and improvement of play ground in Kodathi Village.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

2:15 PM to 5:30PM

Fresh Projects

256.29 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.40 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2579) an area of 1-00 Acre by M/s. K. B. S. Stone Suppliers (SEIAA 372 MIN 2020) [SIA/KA/MIN/185521/2020]

M/s. K. B. S. Stone Suppliers has applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.40 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District, in an area of 1-00 Acres in Government land

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. K. B. S. Stone Suppliers Prop: Sri. R Byregowda Doddajala Village & Post, Bangalore North Taluk, Bangalore District, Karnataka
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of M/s. K. B. S. Stone Suppliers Sy No. 40, Mayasandra Village, Devanahalli Taluk, Bangalore Rural District, Karnataka

3	Co-ordinates of the Project Site	Cp	LATTITUDE	LONGITUDE
		A	N 13° 18' 23.5"	E 77° 39' 14.5"
		B	N 13° 18' 23.6"	E 77° 39' 16.5"
		C	N 13° 18' 21.7"	E 77° 39' 18.0"
		X	N 13° 18' 20.9"	E 77° 39' 17.0"
MAP DATUM- WGS 84				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2579)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.4047 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	945.5 MSL Existing Level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	9933 tonnes/ annum of Ornamental Stone (Grey Granite), 2,129 tonnes/ annum of Khandas and 2,129 tonnes/ annum of Building Stone		
14	Quantity of Topsoil/Over burden in cubic meter	Most of the quarry site already worked and about 0.5 m of topsoil is available in unworked area		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2129 tonnes per annum of waste will be generated which will be used as Building Stone.		

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16	Project Cost (Rs. In Crores)	0.97 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.53 Kms (NE) Nandi Reserved Forest - 5.17 Kms (NE)	
	b. Nearest Human Habitation	Mayasandra Village - 0.60 Kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 8.40 Kms (SE)	
	d. Water Bodies	Yambarahalli Pond -3.68 Kms(NE)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-00	
	b. Waste Dumping Area	0-01 within buffer area	
	c. Top Soil yard		
	d. Mineral Storage Area	0-01	
	e. Infrastructure Area	within buffer area	
	f. Road Area	0-01 within buffer area	
	g. Green Belt Area	--	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Borewell from the village	
	b. Total Requirement of Water in KLD	Dust Suppression	2.45 KLD
		Domestic	0.90 KLD
		Other	1.05 KLD
		Total	4.4 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2012 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed with effect from 14.11.2012 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 10 meters within the mining area and the proposed proved quantity of 53,960 Cum, out of which recovery is 70 % i.e. 37,772 Cum, khandas 15% i.e. 8,094 Cum and remaining 15% is Building Stone i.e. 8,094 Cum which is reflected in approved quarry plan, can be mined to a quarry pit depth of 10 meters for a lease period.

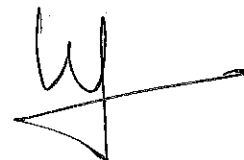
As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 540 meter connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.94 lakh to take up distribution of nursery plants at Mayasandra village, construction of Rain water harvesting pits in Government Lower primary school at Mayasandra village, Solar Power Panels in Government Lower primary school at Mayasandra village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 5,396 Cum out of which recovery is 70 % i.e. 3,777 Cum, khandas 15% i.e. 809 Cum and remaining 15% is Building Stone i.e. 809 Cum. Considering the proposed proved quantity of 53,960 Cum out of which recovery is 70 % i.e. 37,772 Cum, khandas 15% i.e. 8,094 Cum and remaining 15% is Building Stone i.e. 8,094 Cum, the committee estimated the life of the mine as 10 years.

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



256.30 Proposed Building Stone Quarry Project at Sy.No.508/2 of Nitte Village, Karkala Taluk, Udipi District by Sri Ashok Bhandary (SEIAA 373 MIN 2020) [SIA/KA/MIN/185577/2020]

Sri. Ashok Bhandary has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.508/2 of Nitte Village, Karkala Taluk, Udipi District an area of 1.00 Acres of Patta Land.

The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is a new lease involving Building Stone mining in patta land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 23.10.2018 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 16 meters within the mining area and the proposed proved quantity of 1,43,845 tonnes (Including Waste) can be mined to a quarry pit depth of 18 meters for lease period.

As far as approach road is concerned, the proponent has stated that there is an existing cart track road to a length of 265 mtr connecting lease area to the all-weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.50 Lakhs to take up 300 No. of additional plantation along Nakre-Karkal village road at a distance of 256m on NE side of the quarry.

The committee observed that, as per the Cluster sketch prepared by the DMG there are six leases including this lease with the 500 meter radius from this lease area out of which four leases were exempted from cluster effect due to the fact that either the leases were granted prior to 09.09.2013 or ECs were issued prior to 15.01.2016 and the total area of the remaining two leases is 2.5 Acres, which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 15,060 tonnes (Including waste). Considering the proved mineable reserve of 1,43,845 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years.

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

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256.31 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2556& 2557) an area of 2-00 Acres by Sri G.N. Raju (SEIAA 374 MIN 2020) [SIA/KA/MIN/185444/2020]

Sri. G. N. Raju has applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.17 of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District in an area of 2-00 Acres in Government land

About the Project

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri. G. N. Raju, S/o Narayanappa, Sinnappanahalli Village, Bettahalsur Post, Jala Hobli, Bangalore North Taluk, Bangalore District, Karnataka - 562157																		
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri G. N. Raju Sy No. 17, Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Pillars</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N13° 18' 12.2"</td> <td>E77° 39' 15.2"</td> </tr> <tr> <td>B</td> <td>N13° 18' 08.4"</td> <td>E77° 39' 13.6"</td> </tr> <tr> <td>C</td> <td>N13° 18' 08.6"</td> <td>E77° 39' 11.4"</td> </tr> <tr> <td>D</td> <td>N13° 18' 12.7"</td> <td>E77° 39' 13.3"</td> </tr> <tr> <td colspan="3">Map Datum: WGS-84</td> </tr> </tbody> </table>	Corner Pillars	Latitude	Longitude	A	N13° 18' 12.2"	E77° 39' 15.2"	B	N13° 18' 08.4"	E77° 39' 13.6"	C	N13° 18' 08.6"	E77° 39' 11.4"	D	N13° 18' 12.7"	E77° 39' 13.3"	Map Datum: WGS-84		
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D	N13° 18' 12.7"	E77° 39' 13.3"																		
Map Datum: WGS-84																				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry																		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2556 & 2557)																		
6	Type of Land [Forest, Government Revenue, Gomal,	Government Land																		

a

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	Private/Patta, Other]	
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposals other than river sand	945.5 MSL Existing Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	16,185 tonnes/ annum of Ornamental Stone (Grey Granite), 3,468 tonnes/ annum of Khandas and 3,468 tonnes/ annum of Building Stone
14	Quantity of Topsoil/Over burden in cubic meter	Most of the quarry site already worked and about 1.0 m of topsoil is available in unworked area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3468 tonnes per annum of waste will be generated which will be used as Building Stone.
16	Project Cost (Rs. In Crores)	1.18 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.91 Kms (NE) Nandi Reserved Forest - 5.54 Kms (NE)
	b. Nearest Human Habitation	Chikkagollahalli Village - 0.30 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 8.40 Kms (SE)
	d. Water Bodies	Yambarahalli Pond - 3.89 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-21
	b. Waste Dumping Area	0-01

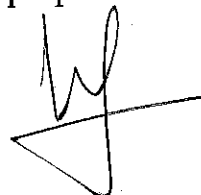
			within buffer area	
	c.	Top Soil yard	0-01 within buffer area	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01 within buffer area	
	g.	Green Belt Area	0-19	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.40 KLD
			Domestic	0.85 KLD
			Other	1.05 KLD
			Total	5.3 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The subject was appraised in the 256thSEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2008 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 07.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 15.06.2008 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 7 meters within the mining area and the proposed proved quantity of 87,920 Cum, (out of which recovery is 70 % i.e. 61,544 Cum, khandas 15% i.e. 13,188 Cum and remaining 15% is Building Stone i.e. 13,188 Cum) which is reflected in approved quarry plan, can be mined to a quarry pit depth of 20 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 730 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will

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earmark Rs.2.36lakh to take up distribution of nursery plantsat Chikkagollahallivillage, construction of Rain water harvesting pits in Government Higher primary school at Chikkagollahallivillage, Solar Power Panels in Government Higher primary school at Chikkagollahallivillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 8,791 Cum out of which recovery is 70 % i.e. 6,154 Cum, khandas 15% i.e. 1,319 Cum and remaining 15% is Building Stone i.e. 1,319 Cum. Considering the proposed proved quantity of 87,920 Cum out of which recovery is 70 % i.e. 61,544 Cum, khandas 15% i.e. 13,188 Cum and remaining 15% is Building Stone i.e. 13,188 Cum, the committee estimated the life of the mine as 10 years.

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

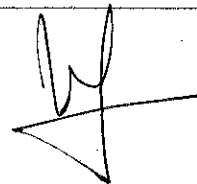
256.32 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.40 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2613) an area of 1-00 Acre by Sri K.N. Ramesh Babu (SEIAA 375 MIN 2020) [SIA/KA/MIN/185421/2020]

Sri. K. N Ramesh Babu has applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.40 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri K N Ramesh Babu S/o R Narayanappa, Koira Village and Post, Devanahalli Taluk, Bangalore District, Karnataka-562157

2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri K N Ramesh Babu Sy No. 40, Mayasandra Village, Devanahalli Taluk, Bangalore Rural District, Karnataka		
3	Co-ordinates of the Project Site	CORNER PILLARS	LATTITUDE	LONGITUDE
		A	N 13° 18' 21.8"	E 77° 39' 29.5"
		B	N 13° 18' 19.9"	E 77° 39' 27.8"
		C	N 13° 18' 19.3"	E 77° 39' 26.2"
		D	N 13° 18' 22.2"	E 77° 39' 27.3"
		E	N 13° 18' 22.2"	E 77° 39' 28.8"
MAP DATUM- WGS 84				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2613)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.4047 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than	947.2 MSL Existing Level		

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	river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	6,252 tonnes/ annum of Ornamental Stone (Grey Granite), 1,340 tonnes/ annum of Khandas and 1,340 tonnes/ annum of Building Stone	
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil available in the site area	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,340 tonnes per annum of waste will be generated which will be used as Building Stone.	
16	Project Cost (Rs. In Crores)	0.92 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Dibbagiri Reserved Forest - 2.45 Kms (NE) Nandi Reserved Forest - 5.20 Kms (NE)	
	b. Nearest Human Habitation	Mayasandra Village - 0.45 Kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 9.35 Kms (SE)	
	d. Water Bodies	Yambarahalli Pond -3.40 Kms(NE)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	0-25	
	b. Waste Dumping Area	0-01 within buffer area	
	c. Top Soil yard		
	d. Mineral Storage Area	0-01	
	e. Infrastructure Area	within buffer area	
	f. Road Area	0-01 within buffer area	
	g. Green Belt Area	0-15	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Borewell from the village	
	b. Total Requirement of Water in KLD	Dust Suppression	2.95 KLD
		Domestic	0.70 KLD
		Other	0.75 KLD
		Total	4.4 KLD

23	Storm water management plan	Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (Specify)	NA

The subject was appraised in the 256thSEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving mining of Ornamental Stone (Grey Granite) in Government land.

This is an old lease granted during 2010 for mining of Building Stone. Later this lease has been Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has stated that he has obtained NOC from Forest Department and Revenue Department. The lease deed has been executed on 17.08.2010 and he has carried out mining up to 2013-14 & further no mining activity has been carried out and the same has been reflected in the audit report certified by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 10 meters within the mining area and the proposed proved quantity of 33,960 Cum, (out of which recovery is 70 % i.e. 23,772 Cum, khandas 15% i.e. 5,094 Cum and remaining 15% is Building Stone i.e. 5,094 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 17 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 210 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.84 lakh to take up distribution of nursery plants at Mayasandravillage, construction of Rain water harvesting pits in Government Lower primary school at Mayasandravillage, Solar Power Panels in Government Lower primary school at Mayasandravillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent has also stated that he will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all these lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 3,396 Cum (out of which recovery is 70 % i.e. 2,377 Cum, khandas 15% i.e. 509 Cum and remaining 15% is Building Stone i.e. 509 Cum). Considering the proposed proved quantity of 33,960 Cum (out

of which recovery is 70 % i.e. 23,772 Cum, khandas 15% i.e. 5,094 Cum and remaining 15% is Building Stone i.e. 5,094Cum),the committee estimated the life of the mine as 10 years.

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

256.33 Proposed Ornamental Stone & Building Stone Quarry Project at Sy.No.40 of Mayasandra Village, Devanahalli Taluk, Bangalore Rural District (Q.L.No.2612) an area of 0-20 Acre by Sri M. Venkatesh (SEIAA 376 MIN 2020) [SIA/KA/MIN/185342/2020]

Sri. M. Venkateshhas applied for Environmental clearance from SEIAA for quarrying of Ornamental Stone (Grey Granite) at Part of Sy.No.40 of MayasandraVillage, DevanahalliTaluk, Bangalore RuralDistrict, in an area of 1-00Acres in Governmentland

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri M. Venkatesh, Koira Village & Post, Devanahalli Taluk, Bangalore Rural District, Karnataka.		
2	Name & Location of the Project	"Ornamental Stone (Grey Granite) and Building Stone Quarry" of Sri M. Venkatesh Sy No. 40, Mayasandra Village, Devanahalli Taluk, Bangalore Rural District, Karnataka		
3	Co-ordinates of the Project Site	CP	LATTTITUDE	LONGITUDE
		A	N 13° 18' 22.2"	E 77° 39' 27.3"
		B	N 13° 18' 19.3"	E 77° 39' 26.2"
		C	N 13° 18' 19.6"	E 77° 39' 25.1"
		D	N 13° 18' 20.7"	E 77° 39' 25.4"
MAP DATUM- WGS 84				
4	Type of Project	Ornamental Stone (Grey Granite) and Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 2612)		

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.2023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Stone (Grey Granite) and Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's Fresh land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1401 tonnes/ annum of Ornamental Stone (Grey Granite), 300 tonnes/ annum of Khandas and 300 tonnes/ annum of Building Stone
14	Quantity of Topsoil/Over burden in cubic meter	Most of the quarry site already worked and about 1.0 m of topsoil is available in unworked area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	300 tonnes per annum of waste will be generated which will be used as Building Stone.
16	Project Cost (Rs. In Crores)	0.85 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Dibbagiri Reserved Forest - 3.50 Kms (NE) Nandi Reserved Forest - 5.03 Kms (NE)
	b. Nearest Human Habitation	Mayasandra Village - 0.45 Kms(NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Devanahalli - 8.85 Kms (SE)
	d. Water Bodies	Yambarahalli Pond - 3.40 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	

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	a.	Area for Mining/ Quarrying	0-11	
	b.	Waste Dumping Area	0-01 within buffer area	
	c.	Top Soil yard	0-01 within buffer area	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01 within buffer area	
	g.	Green Belt Area	0-09	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.44 KLD
			Domestic	0.40 KLD
			Other	1.26 KLD
			Total	4.1 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The Committee noted that it is an existing lease to extract Ornamental Stone (Grey Granite) in Government land.

It is an old lease granted during 2010 for mining of Building Stone. Later the lease was Notified by C&I department for mining of Ornamental Stone on 06.10.2020. The proponent has obtained NOC from Forest Department and Revenue Department. The lease deed was executed on 17.08.2010 and proponent does mining up to 2013-14. As per audit report no mining activity has been carried out since then. The proposed proved quantity of 7,607 Cum, (recovery is 70 % i.e. 5,326Cum, khandas 15% i.e. 1,141 Cum and remaining 15% is Building Stone i.e. 1,141 Cum), which is reflected in the approved quarry plan, can be mined to a quarry pit depth of 5meters for a lease period of 10 years.

The proponent has stated that, there is an existing cart track approach road to a length of 240 meter connecting lease area to an all weather black topped road. Proponent informed about earmarking Rs. 1.70 lakh to take up distribution of nursery plants at Mayasandra village, construction of Rain water harvesting pits at Mayasandra village and Solar Power Panels both in Government Lower primary school at Mayasandra village.

Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places will be carried out.

The proponent will submit afforestation plan to plant the trees wherever the vacant lands available.

The proponent claimed exemption from cluster effect since lease was granted prior to 09.09.2013. The extent of the lease is less than the threshold limit of 5 Ha, the committee decided to categorize the project under B2 category as per EIA Notification 2006. However, within 500 meters from this lease area there are other 9 leases and proponent has submitted cluster EMP signed by all the lease owners and agreed to implement measures proposed in the cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 761 Cum (out of which recovery is 70 % i.e. 533 Cum, khandas 15% i.e. 114 Cum and remaining 15% is Building Stone i.e. 114 Cum). Considering the proposed proved quantity of 7,607 Cum (out of which recovery is 70 % i.e. 5,326 Cum, khandas 15% i.e. 1141 Cum and remaining 15% is Building Stone i.e. 1141Cum),the committee estimated the life of the mine as 10 years.

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

256.34 Proposed Ornamental Stone Quarry Project at Sy.No.116 of Gollahalli Village, Chikkaballapura Taluk & District an area of 1-20 Acres Sri H.V. Chikkagariga Reddy (SEIAA 377 MIN 2020) [SIA/KA/MIN/185776/2020]

Sri H V Chikkagariga Reddy has applied for Modification and Expansion of Environmental clearance from SEIAA for quarrying of Ornamental Granite in 1-20Acres, Government Revenueland at Sy.No.116 of GollahalliVillage, ChikkaballapuraTaluk, Chikkaballapura District.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri H V Chikkagariga Reddy, S/o Venkatanarayanappa, Haristala Village, Chikkapayalagurki post, Chikkaballapur-562104.
2	Name & Location of the Project	"Ornamental Granite Quarry" of Sri H V Chikkagariga Reddy Sy No. 116 Gollahalli village, Chikkaballapura Taluk & District, Karnataka.

3	Co-ordinates of the Project Site	P No	Latitude	Longitude
		BP-A	N13°30'22.2"	E77°44'41.0"
		BP-B	N13°30'23.6"	E77°44'42.2"
		BP-C	N13°30'19.9"	E77°44'43.3"
		BP-D	N13°30'18.1"	E77°44'42.3"
		BP-E	N13°30'20.2"	E77°44'41.4"
		BP-F	N13°30'20.7"	E77°44'41.9"
		BP-G	N13°30'21.2"	E77°44'41.3"
		G.P.S READINGS (WGS 84)		
4	Type of Project	Ornamental Granite Quarry		
5	New / Expansion / Modification / Renewal	Expansion of earlier EC vide No. SELAA 514 MIN 2019 dated 07-09-2019		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.607 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Granite Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	1043.0 MSL Existing Level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,500Cu.m/ annum of Ornamental Granite, 4,375 Cu.m / annum (i.e., 11,638Tonnes per annum) of Building Stone		

14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period.		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	875 Cu. m/ annum (i.e., 2,328 tonnes per annum) of waste will be generated in the site and overburden (Murrum and weathered rocks) i.e., 10,000 Cu.m/ annum in 1 st & 2 nd year		
16	Project Cost (Rs. In Crores)	0.87 crores		
17	Environmental Sensitivity			
	a.	Nearest Forest	NarasimhaDevara Betta Reserved Forest - 3.00 Kms (W) Haristhala Reserved Forest - 4.85Kms (NE)	
	b.	Nearest Human Habitation	Gollahalli Village - 1.00 Kms(W)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapur - 7.50 Kms (S)	
	d.	Water Bodies	Yalagere Pond -2.10Kms(NE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA		
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-02	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil yard	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area	0-15	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying	Semi-Mechanized quarrying method		
21	Rate of Replenishment in case River sand project	NA		
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.00 KLD
			Domestic	0.55 KLD
			Other	0.75 KLD
			Total	4.3 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area		
24	Any other information specific to	NA		

the project (Specify)	
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The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving Ornamental Granite in Government Revenue land.

The proponent has stated that he has obtained NOC from Forest and Revenue Department. The lease deed has been executed on 21-05-2004. Earlier EC was granted on 07.09.2019 and no mining activity has been carried out till date from the date of issue of EC as reflected in the Audit report certified by DMG. Now this proposal is for modification of this EC with change in production plan by modifying the quarry plan. The proponent has stated that as per the approved quarry plan there is a level difference of 40 meters within the mining area and the proposed proved quantity of 1,27,815 Cum, (out of which recovery is 40 % i.e. 51,126 Cum, Building Stone 50% i.e. 63,907 Cum and remaining 10% is intercalated waste i.e. 12,781 Cum) which is reflected in approved quarry plan, can be mined to a quarry pit depth of 15 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 1.61 KM connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.1.74 lakh to take up distribution of nursery plants at Gollahalli village, construction of Rain water harvesting pits in Government Higher primary school at Gollahalli village, Solar Power Panels in Government Higher primary school at Gollahalli village, for Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

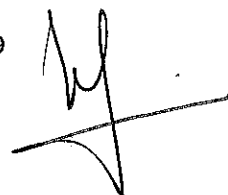
The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However the proponent has stated that this lease area is part of the Guvvalakanahalli quarry lease owners and lorry owners association and proponent has submitted cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 8,750 Cum (Recovery- 3,500 Cum, Building Stone - 4,375 Cum and waste-2,328 Cum.) Considering the proposed proved quantity of 1,27,815 Cum (out of which recovery is 40 % i.e. 51,126 Cum, Building Stone 50% i.e. 63,907 Cum) and remaining 10% is intercalated waste i.e. 12,781 Cum, the committee estimated the life of the mine as 15 years.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for

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further necessary action.

256.35 Proposed Building Stone Quarry Project at Sy.No.167 of Sulthanpur Village, Srirangapatna Taluk, Mandya District by Sri K.M. Vidyasagar (SEIAA 378 MIN 2020) [SIA/KA/MIN/184320/2020]

Sri. K.M. Vidyasagar has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Sy.No.167 of Siddapura Village, Srirangapatna Taluk & Mandya District an area of 1-00 Acres of Patta Land.

The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is a new lease involving Building Stone mining in Patta Land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 14.07.2020 for 20 years. The proponent has stated that as per the approved quarry plan there is a level difference of 08 meters within the mining area and the proposed proved quantity of 2,15,657 tonnes can be mined to a quarry pit depth of 20 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 412 mtr connecting lease area to the all-weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs. 1.50 Lakhs to take up 300 No. of additional plantation along quarry location to Bangalore-Mysore Highway village road at a distance of 256m on West side of the quarry.

The committee observed that, as per the Cluster sketch prepared by the DMG there are 18 leases including this lease within the radius of 500 mts from this lease area. Out of which 13 leases were exempted from cluster effect in view of the fact that the leases were granted prior to 09.09.2013 and the total area of the remaining 5 leases including this lease is 7-36 Acres, which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. As per the forest NOC Certified by DCF, Gendehosahalli Bird Sanctuary is at a distance of 9.96 KM from the project site, for which the proponent has stated that he has submitted a request letter to Chief Wild Life Warden for issue of map duly authenticated by the Chief Wild Life Warden along with recommendation or Comments thereon.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 20,202 tonnes (Including waste). Considering the proved mineable reserve of 2,15,657 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years.

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

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256.36 Proposed Ornamental Granite Quarry Project at Sy.No.116 of Gollahally Village & Sy.No.145 of Guvvulakanahalli Village, Chikkaballapura Taluk & District by Sri H.V. Chikkagariga Reddy (SEIAA 379 MIN 2020) [SIA/KA/MIN/185798/2020]

Sri H V Chikkagariga Reddy has applied for Expansion of Environmental clearance from SEIAA for quarrying of Ornamental Granite Quarry in 3-00 Acres, Government Revenue Land at Sy No. 116 Gollahally village & Sy No.145 Guvvulakanahalli village, Chikkaballapura Taluk & District.

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri H V Chikkagariga Reddy, S/o Venkatanarayanappa, Haristala Village, Chikkapayalagurki post, Chikkaballapur-562104.																		
2	Name & Location of the Project	"Ornamental Granite Quarry" of Sri H V Chikkagariga Reddy Sy No. 116 Gollahally village & 145 Guvvulakanahalli village, Chikkaballapura Taluk & District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>P No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>BP-A</td> <td>N13°30' 21.5"</td> <td>E77°44' 48.6"</td> </tr> <tr> <td>BP-B</td> <td>N13°30' 18.1"</td> <td>E77°44' 49.4"</td> </tr> <tr> <td>BP-C</td> <td>N13°30' 17.1"</td> <td>E77°44' 45.1"</td> </tr> <tr> <td>BP-D</td> <td>N13°30' 20.6"</td> <td>E77°44' 44.5"</td> </tr> <tr> <td colspan="3">Datum- WGS-84</td> </tr> </tbody> </table>	P No	Latitude	Longitude	BP-A	N13°30' 21.5"	E77°44' 48.6"	BP-B	N13°30' 18.1"	E77°44' 49.4"	BP-C	N13°30' 17.1"	E77°44' 45.1"	BP-D	N13°30' 20.6"	E77°44' 44.5"	Datum- WGS-84		
P No	Latitude	Longitude																		
BP-A	N13°30' 21.5"	E77°44' 48.6"																		
BP-B	N13°30' 18.1"	E77°44' 49.4"																		
BP-C	N13°30' 17.1"	E77°44' 45.1"																		
BP-D	N13°30' 20.6"	E77°44' 44.5"																		
Datum- WGS-84																				
4	Type of Project	Ornamental Granite Quarry																		
5	New / Expansion / Modification / Renewal	Expansion of earlier EC vide No. SEIAA 515 MIN 2019 dated 07-09-2019																		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	1.214 Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be	NA																		

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	removed in case of River sand	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	1027.50 MSL Existing Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	7,500Cu.m/ annum of Ornamental Granite, 9,375Cu.m / annum (i.e., 24,937Tonnes per annum) of Building Stone
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,875 Cu. m/ annum (i.e., 4,987tonnes per annum) of waste will be generated in the site and overburden (Murram and weathered rocks) i.e., 10,000 Cu.m in 1st year & 2 nd year
16	Project Cost (Rs. In Crores)	1.13 crores
17	Environmental Sensitivity	
	a. Nearest Forest	NarasimhaDevara Betta Reserved Forest - 3.10 Kms (W) Haristhala Reserved Forest - 4.75Kms (NE)
	b. Nearest Human Habitation	Guvvalakanahalli Village - 0.65Kms(NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapur - 7.30 Kms (S)
	d. Water Bodies	Yalagere Pond -1.95Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2-11
	b. Waste Dumping Area	0-01
	c. Top Soil yard	0-03
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area	0-23
	h. Unexplored area	--

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	i.	Others Specify	---	
20		Method of Mining/ Quarrying	Semi-Mechanized quarrying method	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.6 KLD
			Other	1.5 KLD
			Total	5.6 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

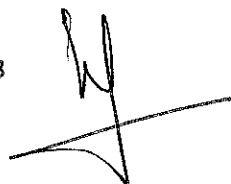
The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving Ornamental Granite in Government Revenue land.

The proponent has stated that he has obtained NOC from Forest and Revenue Department. The lease deed has been executed on 01.04.2002. Earlier EC was granted on 07.09.2019 and no mining activity has been carried out till date from the date of issue of EC as reflected in the Audit report certified by DMG. Now this proposal is for modification of this EC with change in production plan by modifying the quarry plan. The proponent has stated that as per the approved quarry plan there is a level difference of 36 meters within the mining area and the proposed proved quantity of 2,27,499 Cum, (out of which recovery is 40 % i.e. 91,000 Cum, Building Stone 50% i.e. 1,13,750 Cum and remaining 10% is intercalated waste i.e. 22,750 Cum) which is reflected in approved quarry plan, can be mined to a quarry pit depth of 15 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 1.63 KM connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.2.26 lakh to take up distribution of nursery plants at Guvvulkanahalli village, construction of Rain water harvesting pits in Government Higher primary school at Gollahalli village, Solar Power Panels in Government Lower primary school at Guvvulkanahalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly. However the proponent





has stated that this lease area is part of the Guvvalakanahalli quarry lease owners and lorry owners association and proponent has submitted cluster EMP.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 18,750 Cum (out of which recovery is 40 % i.e. 7,500 Cum, Building Stone 50% i.e. 9,375 Cum and remaining 10% is i.e. 1,875 Cum). Considering the proposed proved quantity of 2,27,499 Cum (out of which recovery is 40 % i.e. 91,000 Cum, Building Stone 50% i.e. 1,13,750, Cum and remaining 10% is intercalated waste i.e. 22,750 Cum), the committee estimated the life of the mine as 13 years.

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

256.37 Proposed Cluster of Building Stone Quarry Project at Sy.Nos.97/3 + 4/B of Linganakoppa Village, Kalaghatgi Taluk, Dharwad District (Q.L.Nos.873 & 929) an area of 1-35 Acres by Sri S.R.Ramanagoudar (SEIAA 380 MIN 2020) [SIA/KA/MIN/185896/2020]

Sri. S. R. Ramanagoudar has applied for Expansion of Environmental clearance from SEIAA for quarrying of Cluster Building Stone Quarry in 1-35 Acres, Patta land at Sy.No.97/3+4/B of Linganakoppa village Kalaghatgi Taluk, Dharwad District.

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. S. R. Ramanagoudar Sri Sadguru Krupa Malapur Road, Dharwad, Karnataka - 580008		
2	Name & Location of the Project	"Cluster of Building Stone Quarry" of Sri. S. R. Ramanagoudar Sy No. 97/3 + 4/B Linganakoppa Village, Kalaghatgi Taluk, Dharwad District,		
3	Co-ordinates of the Project Site	CP	Latitude	Longitude
		A	N 15° 18' 35.55"	E 74° 58' 51.43"
		B	N 15° 18' 36.30"	E 74° 58' 50.57"
		C	N 15° 18' 33.35"	E 74° 58' 47.93"
		D	N 15° 18' 32.76"	E 74° 58' 48.59"
		E	N 15° 18' 36.99"	E 74° 58' 49.84"
		F	N 15° 18' 33.84"	E 74° 58' 47.38"
WGS-84 DATUM				
4	Type of Mineral	Cluster of Building Stone		

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5	New / Expansion / Modification / Renewal	Expansion (QL No's - 873 & 929)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.758 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	597 m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	85750 TPA
14	Quantity of Topsoil/Over burden in Tons	Top soil of 0.5m to 1.50m is available in the unexplored area which will be used for mud bund and plantation purpose.
15	Mineral Waste Handled (Metric Tons/ CUM)	4513 Tons/annum
16	Project Cost (Rs. In Crores)	1.02 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Lingankoppa Village - 1.30 (SW) Reserved Forest at Basavankoppa Village- 3.70 (SW) Reserved Forest at Kurankoppa Village- 4.66 (E)
	b. Nearest Human Habitation	Linganakoppa Village - 0.87 kms (NW)
	c. Educational Institutes,	Kalaghatagi - 14.40 (S)

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		Hospital		
	d.	Water Bodies	Nirsagar Kere - 0.55 (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-07	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-02	
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/ Buffer Zone	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	8.65 KLD
			Domestic	0.85 KLD
			Other	0.80 KLD
			Total	10.3 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The subject was appraised in the 256th SEAC meeting held on 4th February 2021. The Committee noted that this is an existing lease involving Building Stone in Pattaland.

During the appraisal the committee observed that, this is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Therefore, the proponent has requested the committee to correspond a letter to KSPCB in this regard.

Accordingly, the committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for

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further necessary action.

256.38 Proposed Building Stone Quarry Project at Sy.No.23/1 of Sangapur Village, Gangavathi Taluk, Koppal District an area of 1-00 Acre by Sri Kasim Sab (SEIAA 381 MIN 2020) [SIA/KA/MIN/182610/2020]

Sri. Kasim Sabhas applied for Environmental clearance from SEIAA for quarrying of Building Stone in 1-00Acres, Patta land at Sy.No.23/1 of Sangapur village Gangavathi Taluk, Koppal District.

About the Projects

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Kasim Sab, S/o. Sri Kasim Sab, KandagalMasid Road, Near Kalmath, Gangavati Taluk, Koppal District, Karnataka		
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Kasim Sabat Sy. No. 23/1 of Sangapur village, Gangavathi Taluk, Koppal District, Karnataka		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 15° 23' 52.6"	E 76° 30' 45.1"
		B	N 15° 23' 51.9"	E 76° 30' 49.1"
		C	N 15° 23' 50.8"	E 76° 30' 49.3"
		D	N 15° 23' 51.2"	E 76° 30' 45.2"
WGS-84 DATUM				
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		

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7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.4046 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,199TPA
14	Quantity of Topsoil/Over burden in Tons	Nil
15	Mineral Waste Handled (Metric Tons/ CUM)	273.6 Tons/annum
16	Project Cost (Rs. In Crores)	0.25crores
17	Environmental Sensitivity	
	a. Nearest Forest	Benakalre Reserved Forest - 1.3 kms W
	b. Nearest Human Habitation	Sangapura Village -0.7 kms (E)
	c. Educational Institutes, Hospital	Gangavathi - 3.3(N)
	d. Water Bodies	VenkatapuramKere 7.1 kms S
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0.50
	b. Waste Dumping Area	0.02
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	0.02
	f. Road Area	--

	g.	Green Belt Area/Buffer Zone	0.46	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanized Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	0.50 KLD
			Domestic	0.75 KLD
			Other	1.00 KLD
			Total	2.25 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The subject was appraised in the 256thSEAC meeting held on 04.02.2021. The Committee noted that this is afresh application involving Building Stone in pattaland.

The proponent has stated that he has obtained NOC from Forest and Revenue Department. Notification has been issued on 14.08.2015. The proponent has stated that as per the approved quarry plan there is a level difference of 34.0 meters within the mining area and the proposed proved quantity of 34,077 tonnes can be mined to a quarry pit depth of 5 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 260 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.1.00lakh to take up distribution of nursery plants at Sangapurvillage, construction of Rain water harvesting pits in Government Lower primary school at Sangapurvillage, Solar Power Panels in Government Lowerprimary school at Sangapurvillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The committee observed that, as per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance with the following conditions for an annual production of

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3,299tonnes(Including waste).Considering the proved mineable reserve of 34,077 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years.

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

256.39 Proposed Laterite Stone (Red Stone) Quarry Project at Sy.Nos.380/1, 380/2, 380/3 & 381/2 of Kanyana Village, Baantwal Taluk, Dakshina Kannada District by Sri B.M. Shoukath Ali (SEIAA 382 MIN 2020) [SIA/KA/MIN/184886/2020]

Sri. B.M. Shoukath Ali has applied for Environmental clearance from SEIAA for quarrying of Laterite Stone (Red Stone) at Sy.No.380/1, 380/2, 380/3 & 381/2 of KanyanaVillage, BantwalaTaluk, Dakshina Kannada District an area of 8.36 Acres of PattaLand.

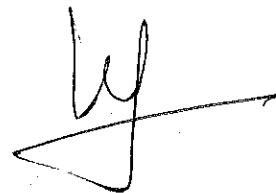
The subject was appraised in the 256thSEAC meeting held on 04.02.2021. The Committee noted that this is anewleaseinvolving Laterite Stone (Red Stone) mining in pattaland. The proponent has stated that this project site is located at a distance of 34 meters from the border of the Kerala State.

The committee observed that, the cluster area covers both Karnataka and Kerala states.Proponent submitted cluster sketch, certified by DMG of Karnataka State. However,the cluster certificate certified by DMG of Kerala State has not been submitted.The committee opined that the cluster certificate/sketch by concerned Authority of Kerala Govt is required for appraisal. The proponent has submitted an endorsement under RTI, Acts signed byGeologist, DMG, Kasargod, stating that there is no quarrying permit issued for laterite building Stone quarry to any person in RS No.30 of Bayar village of Manjeshwar Taluk of Kasargod District for the last one year.When this was pointed out, the proponent has stated that he will approach DMG Authorities of Kerala State and come back for appraisal.

Further committee also decided to verify decision on such similar cases in the past. Hence the committee decided to recall the project proponent after the submission of the cluster sketch/certificate.

Action: Member Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting after receipt of the clarification.

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256.40 Proposed Grey Granite Quarry Project at Sy.No.31 of Surappanahalli Village, Chintamani Taluk, Chikkaballapura District (Q.L.No.828) an area of 2-00 Acres by M/s. Archean Granites Pvt. Ltd (SEIAA 383 MIN 2020) [SIA/KA/MIN/186140/2020]

M/s. Archean Granites Private Ltd.,has applied for Environmental clearance from SEIAA for quarrying of Grey Granite Quarryin 2-00Acres, Government Revenueland at Sy No. 31 ofSurappanahalli village, ChintamaniTaluk, Chikkabalapur District, Karnataka.

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Archean Granites Private Ltd., 2nd Stage, Gowtham Nagar, Robertsonpet, Kolar Gold Fields, Kolar District		
2	Name & Location of the Project	Grey Granite Quarryover an extent 2-00 Acres in Government Revenue Land at Sy No: 31, Surappanahallivillage, Chintamani Taluk, Chikkabalapur District Karnataka		
3	Co-ordinates of the Project Site	P	Longitude	Latitude
		A	E 77° 56' 22.59185"	N 13° 16' 24.10639"
		B	E 77° 56' 20.86140"	N 13° 16' 24.19672"
		C	E 77° 56' 20.37424"	N 13° 16' 29.70938"
		D	E 77° 56' 21.74928"	N 13° 16' 29.74000"
Geographic Co-ordinates (DMS)				
4	Type of Mineral	Grey Granite Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL. No. 828)		

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Grey Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	876.0 m
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,500 Cu.m/ annum
14	Quantity of Topsoil/Over burden in cubic meter	4755.04 Cu,m of soil produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,833 Cu.m/annum will be used for building stone.
16	Project Cost (Rs. In Crores)	1.28 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Surappanahalli Village - 1.00 Kms (NW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chintamani
	d. Water Bodies	Belahalli pond - 1.70 Kms (SE) Akkumanagala Pond - 2.50 Kms(NW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--

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19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-07	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	0-26	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.21 KLD
			Domestic	0.58 KLD
			Other	1.01 KLD
			Total	4.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The subject was appraised in the 256thSEAC meeting held on 04.02.2021. The Committee noted that this is an existing lease involving Grey Granite in Government Revenue land.

The proponent has stated that he has obtained NOC from Forest and Revenue Department. The lease deed has been executed on 16-11-2009 and he has carried out mining in the year 2012-13 and the same has been reflected in the audit report prepared by DMG. The proponent has stated that as per the approved quarry plan there is a level difference of 12 meters within the mining area and the proposed proved quantity of 92,644 Cum, (out of which recovery is 30 % i.e. 27,793 Cum and 70% of Rejects (to be used as Building Stone) i.e. 64,851 Cum) which is reflected in approved quarry plan, can be mined to a quarry pit depth of 15 meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 410 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.2.56 lakh to take up distribution of nursery plants at Surappanahalli village, construction of Rain water harvesting pits in Government Lower primary school at

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Surappanahallivillage, Solar Power Panels in Government Lower primary school at Surappanahallivillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The proponent claimed exemption from cluster effect in view of the fact that this lease is granted prior to 09.09.2013. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 8,333 Cum (out of which recovery is 30 % i.e. 2,550 Cum and 70% of Rejects (used as Building Stone) i.e. 5,833 Cum.) Considering the proposed proved quantity of 92,644 Cum (out of which recovery is 30 % i.e. 27,793 Cum and 70% of Rejects (to be used as Building Stone) i.e. 64,851 Cum,) the committee estimated the life of the mine as 12 years.

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

Deferred File

256.41 Proposed Sand Mining Project - Block-2 at Sy.No.160 & 84 of Harihalli Village, Alur Taluk, Hassan District (9-00 Acres) by Sri Mahendra H.K. (SEIAA 91 MIN 2020) [SIA/KA/MIN/144215/2020]

Sri. Mahendra H.K has applied for Environmental clearance from SEIAA for quarrying of "Harihalli Sand Mining Block-02" Block No. OSB -08 in Hemavathi River bed in 9-00Acres, Government Revenue Land adjacent to Sy.No.160 & 84 of Harihalli Village, Alur Taluk, Hassan District.

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Mahendra H.K, S/o Kalegowda, Hanumanahalli Village, Mavinakere Post Holenarasipura Taluk, Hassan District-573211
2	Name & Location of the Project	"Harihalli Sand Mining Block-02" Block No. OSB-08 Sri. Mahendra H.K Sy No: 160 & 84 Harihalli Village,

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		Alur Taluk, Hassan District, Karnataka.																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Harthalli Sand Mining OSB-08</th> </tr> <tr> <th>P.No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 12° 49' 12.6"</td> <td>E 75° 51' 42.6"</td> </tr> <tr> <td>B</td> <td>N 12° 49' 20.3"</td> <td>E 75° 52' 06.1"</td> </tr> <tr> <td>C</td> <td>N 12° 49' 18.6"</td> <td>E 75° 52' 06.7"</td> </tr> <tr> <td>D</td> <td>N 12° 49' 10.7"</td> <td>E 75° 51' 42.9"</td> </tr> <tr> <td colspan="3" style="text-align: center;">WGS - 84 DATUM</td> </tr> </tbody> </table>	Harthalli Sand Mining OSB-08			P.No	Latitude	Longitude	A	N 12° 49' 12.6"	E 75° 51' 42.6"	B	N 12° 49' 20.3"	E 75° 52' 06.1"	C	N 12° 49' 18.6"	E 75° 52' 06.7"	D	N 12° 49' 10.7"	E 75° 51' 42.9"	WGS - 84 DATUM		
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D	N 12° 49' 10.7"	E 75° 51' 42.9"																					
WGS - 84 DATUM																							
4	Type of Mineral	Ordinary Sand Block																					
5	New / Expansion / Modification / Renewal	New																					
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land																					
7	Whether the project site fall within ESZ/ESA	No																					
8	Area in Ha	3.642 Ha																					
9	Actual Depth of sand in the lease area in case of River sand	0.2-0.8m																					
10	Depth of Sand proposed to be removed	0.5m																					
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	36,146.87 Tonnes/ Annum is the sediment yield per annum for the proposed sand block. Our Production Capacity is 15,707 TPA which is less than sediment yield per annum																					
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's an Ordinary Sand Mining Block																					
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	15,707Tons/annum																					
14	Quantity of Topsoil/Over burden in Tons	No topsoil available																					



15	Mineral Waste Handled (Metric Tons/ CUM)	No waste is produced		
16	Project Cost (Rs. In Crores)	1.39 crores		
17	Environmental Sensitivity			
	a.	Nearest Forest	No Forest within 5 Kms	
	b.	Nearest Human Habitation	Harihalli Village - 1.45 Kms(NW)	
	c.	Educational Institutes, Hospital	Alur- 22.40 km(NE)	
	d.	Water Bodies	The site is in Hemavathi River Bed.	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	2.181	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	1.460	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Manual Method Open quarrying	
21	Rate of Replenishment in case River sand project		36,146.87 Tonnes/ Annum is the sediment yield per annum for the proposed sand block. Our Production Capacity is 15,707 TPA which is less than sediment yield per annum	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.5 KLD
			Domestic	0.7 KLD
			Other	3.5 KLD
			Total	6.7 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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The proponent was invited for the 246th meeting held on 30-06-2020 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is a fresh lease involving Sand Mining in Government Revenue Land.

The committee observed that the lease has been approved by District Sand Monitoring committee and Letter of intent issued on 26.09.2019. The proponent stated that as per the quarry plan, the area is flat land and the proposed proved quantity of 10,908 Cum or 18,543 tonnes can be mined safely and scientifically to a quarry pit depth of 0.5 meter for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 1.08KM connecting lease area to the all weather black topped road. The proponent has stated that, he will earmark Rs.1.00 Lakh to take up distribution of nursery plants at Harihalli village, construction of Rain water harvesting pits in Government Higher primary school at Harihalli village, Solar Power Panels in Government High school at Harihalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The committee observed that, as per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of this lease being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 9,239.41 Cum or 15,707 tonnes for plan period of 5 Years after replenishment.

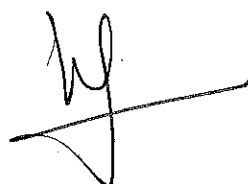
Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Additional Agenda

256.42 Proposed Establishment of Manufacturing facility for API's and Intermediates Project at Plot No.289 of Kadechur KIADB Industrial Area, Kadechur Village,



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Yadgir Taluk & District By M/s. Adaarsh Pharmacon Industries Pvt. Ltd.(SEIAA 02 IND 2021) [SIA/KA/IND2/176960/ 2020]

It is a proposal seeking Environmental Clearance for proposed establishment of APIs and Intermediates manufacturing facility by M/s. Adaarsh Pharmacon Industries Private Limited at Plot No. 289, Kadechur Industrial Area, Kadechur Village, Yadgir Taluk and District -585221, Karnataka.

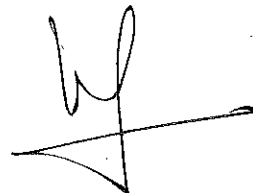
The total plot area is 40,468.6 Sqm. The proponent has stated that he will develop greenbelt in an area of 14,164Sqm i.e., 35 % of the total plot area. The estimated cost of the proposed project is Rs. 48 Crores.

The total fresh water requirement for the project is 131.5KLD, and it will be met from the KIADB water supply/ borewell. The wastewater generation will be 43.2 KLD, out of which 3.2KLD will be the domestic sewage. Domestic sewage will be treated in modular STP and treated sewage will be used for gardening. The industrial effluent will be 40 KLD. Industrial effluent will be treated in the in-house primary treatment plant and sent to CETP for further treatment.

Power requirement will be 1500 KVA and will be met from GESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). It is proposed to install 1x1000kVA and 1x500 kVADG sets as standby during power failure. It is proposed to install 1x3TPHCoal fired boiler, 1x4lakh Kcal/hr capacity Thermic fluid heater and 4 No's of scrubbers for controlling process emission.

Sl. No	PARTICULARS	INFORMATION						
1	Name & Address of the Project Proponent	Mr. Srinivasa Raju Sagi ; Director E/3/175, Plot No. 22, Adarsh Medical Hall, Super Market, Kalaburgi, Karnataka						
2	Name & Location of the Project	<ul style="list-style-type: none"> • M/s. Adaarsh Pharmacon Industries Pvt Ltd., • Establishment of APIs & Intermediates manufacturing facility • Plot No. 289, Kadechur KIADB Industrial area, Kadechur village, Yadgir Taluk and District -585221, Karnataka 						
3	Co-ordinates of the Project Site	<table border="1"> <tr> <td colspan="2">Project site Co-ordinates</td> </tr> <tr> <td>Sl. No.</td> <td>Co-ordinates</td> </tr> <tr> <td>A</td> <td>16° 31.218'N, 77° 18.203'E</td> </tr> </table>	Project site Co-ordinates		Sl. No.	Co-ordinates	A	16° 31.218'N, 77° 18.203'E
Project site Co-ordinates								
Sl. No.	Co-ordinates							
A	16° 31.218'N, 77° 18.203'E							

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		B	16° 31.131'N, 77° 18.203'E	Sout
		C	16° 31.129'N, 77° 18.367'E	Sout
		D	16° 31.215'N, 77° 18.366'E	Nort
4	Environmental Sensitivity			
	a.	Distance from Nearest Lake/River/Nala	<ul style="list-style-type: none"> • River Bhima, tributary of perennial River Krishna is about 8.2 km south west of the site. • River Krishna is about 12.3 km south of the site. • Kadechur lake - 2.8 km towards South East direction • Balched lake - 4.4 km towards North East direction 	
	b.	Distance from Protected area notified under wildlife protection act	-	
	c.	Distance from the interstate boundary	The project site is 2.82 km away from the state boundary of Telangana	
	d.	Whether located in critically/ severally polluted area as per the CPCB norms	No	
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Sl. No. 5(f) of EIA notification 2006. Synthetic organic chemicals industry - bulk drugs and intermediates.	
6	New/ Expansion/ Modification/ Product mix change		New	
7	Plot Area (Sqm)		40468.6	
8	Built Up area (Sqm)		18210.9	
9	Component of developments		-	
10	Project cost (Rs. In crores)		Rs. 48 Crores	
11	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	18210.9	
	b.	Kharab Land	-	
	c.	Internal Roads	8093.71	
	d.	Paved area		
	e.	Parking		
	f.	Green belt	14164.00	
	g.	Others Specify	-	
	h.	Total	40,468.61	



12	Products and By- Products with quantity (enclose as Annexure if necessary)	Products proposed to be manufactured - APIs	
		Products	
		pixaban	
		ilastine	
		abigatran Etexilate	
		erfenidone	
		ivaroxaban	
		tagliptin Phosphate Monohydrate	
		Total	
13	Raw material with quantity and their source (enclose as Annexure if necessary)	Raw materials with quantity and their source is detailed in EMP report and product wise raw material required is given in Annexure - I to this checklist.	
14	Mode of transportation of Raw material and storage facility	Raw materials procured from domestic suppliers will be transported through road/rail and international suppliers will be through airways. Dedicated storage facility will be provided.	
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	-	
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Dedicated storage facility will be provided and fly ash will be disposed as per MoEF&CC/CPCB guidelines.	
17	Complete process flow diagram and technology employed	Product wise manufacturing process, flow diagram details are given in Annexure to EMP report.	
18	Details of Plant and Machinery with capacity/ Technology used	Detailed in EMP report, Chapter 2, section 2.9.1.9	
19	Details of VOC emission and control measures wherever applicable	Detailed in EMP report, Chapter 3, section 3.1.2.1	
20	WATER		
	I.	Construction Phase	
	a.	Source of water	KIADB supply/Bore well
	b.	Quantity of water for Construction in KLD	10 -15 KLD
	c.	Quantity of water for Domestic Purpose in KLD	2.5 KLD
	d.	Waste water generation in KLD	2.5 KLD

	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in Modular STP						
	II	Operational Phase							
	a.	Source of water	KIADB supply/Bore well						
	b.	Total Requirement of Water in KLD	Fresh	131.5					
			Recycled	-					
			Total	131.5					
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	Fresh water requirement details are provided in water balance chart of EMP report.					
			Recycled						
			Total						
	d.	Requirement of water for domestic purpose in KLD	Fresh				Fresh water requirement details are provided in water balance chart of EMP report.		
			Recycled						
			Total						
	e.	Waste water generation in KLD	Industrial effluent	40					
			Domestic sewage	3.2					
			Total	43.2					
	f.	ETP/ STP capacity	Modular STP of 5 KLD capacity will be provided						
	g.	Technology employed for Treatment	Industrial effluent will be treated in the in-house primary treatment plant and sent to CETP for further treatment						
	h.	Scheme of disposal of excess treated water if any	-						
21		Infrastructure for Rain water harvesting	Two sumps/open ponds, each of 100 m ³ capacity will be provided for storage of rainwater harvested. After pre-treatment, collected water will be used for toilet flushing and gardening purpose.						
22		Storm water management plan	-						
23		Air Pollution	-						
	a.	Sources of Air pollution	Stack attached	Capacity & Numbers	Fuel type & Quantity	Stack height	Air Pollution measurement		
			Processes emissions	-	-	12 m AGL	4 Nos Scrubbers scrubbing liq		

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			Boiler	3 TPH	Coal: 0.79 TPH	26 m AGL	Cycl Sepa r	
			Therm ic Fluid Heater	4 Lakh kcal/h	FO: 20 LPH	17 m AGL	Stacl	
			DG set	1000 kVA 500 kVA	HSD: 100 LPH 50 LPH	6 m ARL for each DG Set	Acou Encl e & s	
	b.	Composition of Emissions	SPM, SO ₂ , NO _x					
	c.	Air pollution control measures proposed and technology employed	Control measures are given in section 23.a above					
24	Noise Pollution							
	a.	Sources of Noise pollution	The sources of noise pollution in the industry are the Process section, compressors, motor pumps, Boiler, TFH and DG set.					
	b.	Expected levels of Noise pollution in dB	Within the limits KSPCB prescribed for industrial area.					
	c.	Noise pollution control measures proposed	Manufacturing process will be carried out in closed system/clean room operation. Hence, generation of noise pollution from the process section is not significant. Area for boiler operation and TFH will be provided separately (Boiler house). DG set will be provided with inbuilt acoustic enclosures. Ambient noise level will be restricted within the industry premises by developing vegetation along the periphery and at vacant areas					
25	WASTE MANAGEMENT							
	I.	Operational Phase						
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable Non- Biodegradable		Domestic Solid Waste Organic waste will be composted and inorganic waste			

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				will be segregated and disposed through Local Municipality.
				<u>Boiler Ash</u> Sent to Brick manufacturer
				<u>STP Sludge</u> Used as manure in greenbelt
b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms			
		Hazardous waste	Category	Quantity (in TPA)
		Used Oil (kL)	5.1	8
		Distillation residue	20.3	50
		Spent Solvent	26.4	189.25
		Inorganic residue / salts	28.1	820.5
		Process residues & waste	28.1	341.798
		Spent Catalyst	28.2	1
				Authorized Recyclers
				TSDF/Co-processing in Cement Industries
				Authorized Recyclers
				To TSDF
				TSDF/Co-processing in Cement Industries
				Recovered &

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					Reused	
			Spent Carbon	28.3	5	TSDf/Co - Processin g in Cement Industrie s
			Date Expired Products	28.5	15	TSDf/Co - Processin g
			Empty barrels / containers / liners contaminated with hazardous chemicals	33.1	1000	Authoriz ed recycler
			ETP Sludge	35.3	3	To TSDf
	c.	Quantity of E waste generation with source and mode of Disposal as per norms		-		
26	Risk Assessment and disaster management		Risk assessment details are given in Chapter 3, section 3.4 of EMP report			
27	POWER					
	a.	Total Power Requirement in the Operational Phase with source		Total power requirement for the proposed project will be 1500kVA and will be sourced from Gulbarga Electricity Supply Company Limited (GESCOM).It is proposed to install new DG sets of 1 x 1000 kVA and 1 x 500 kVA which will be only be used as a backup during power failures.		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply		1x1000 kVA and 1x500 kVA		
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,		Details are given in section 23.a above		
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC		Solar energy will be utilizing in the industry for street lights.		

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28	PARKING		
	a.	Parking Requirement as per norms	Provided as per standard
	b.	Internal Road width (RoW)	Provided as per standard
29	Any other information specific to the project (Specify)		-

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256thSEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre feasibility Report and clarification/additional information provided during the meeting.

The committee observed that this is a new proposal for manufacture of APIs and Intermediates. The proponent stated that the construction of CETP within the industrial area is under progress. Hence the proponent has stated that the effluents generated will be sent to CETP after primary treatment after segregating HTDS and LTDS effluent. The proponent also stated that he will submit CER activities as a part of the EMP. The proponent stated that he has proposed to manufacture 6 products with total quantity of 90 TPA. The proponent has stated that he has earmarked Rs. 96 Lakhs towards CER Activities.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.43 Expansion of API's Non Active API's & Biopharmaceutical Manufacturing Products Manufacturing Facility Project at Mangalore SEZ, Kalavar Village, Mangalore Taluk, Dakshina Kannada District by M/s. Syngene International Limited (SEIAA 03 IND 2021) [SIA/KA/IND2/191828/ 2021]

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Syngene International Limited Mangalore Special Economic Zone Limited (MSEZL), Kalavar Village, Mangalore Taluk, Dakshina Kannada District and Karnataka

2	Name & Location of the Project	M/s. Syngene International Limited Mangalore Special Economic Zone Limited (MSEZL), Kalavar Village, Mangalore Taluk, Dakshina Kannada District and Karnataka			
3	Co-ordinates of the Project Site	Sl. No.	Co-ordinates	Sl. No.	Co-ordinates
		A	12°58'53.55"N 74°51'20.63"E	H	12°58'51.80"N 74°51'38.69"E
		B	12°59'2.05"N 74°51'29.26"E	I	12°58'53.05"N 74°51'38.07"E
		C	12°58'54.14"N 74°51'51.47"E	J	12°58'55.01"N 74°51'32.95"E
		D	12°58'51.73"N 74°51'50.84"E	K	12°58'47.21"N 74°51'29.40"E
		E	12°58'51.55"N 74°51'50.02"E	L	12°58'46.56"N 74°51'28.33"E
		F	12°58'55.05"N 74°51'44.14"E	M	12°58'48.06"N 74°51'26.71"E
		G	12°58'50.71"N 74°51'42.79"E	N	12°58'52.67"N 74°51'21.67"E
4	Environmental Sensitivity				
	a.	Distance From nearest Lake/ River/ Nala	Gurupura River - 3.6 km S Bagundi lake - 5.4 km W		
	b.	Distance from Protected area notified under wildlife protection act	None		
	c.	Distance from the interstate boundary	None		
	d.	whether located in critically / severally polluted area as per the CPCB norms	No		
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Category B2 project under 5(f) Sector as per the EIA Notification, September 2006 and its amendments		
6	New/ Expansion/ Modification/ Product mix change		Expansion		
7	Plot Area (Sqm)		189987 sqm (46.42 Acres)		
8	Built Up area (Sqm)		109629.4 sqm (57.7%)		

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9	Component of developments	-	
10	Project cost (Rs. In crores)	1 Crore	
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	109, 629.4 sqm
	b.	Kharab Land	-
	c.	Internal Roads	22195.52 sqm
	d.	Paved area	-
	e.	Parking	6015.90 sqm
	f.	Green belt	24324.85 sqm
	g.	Others Specify	Off site ETP - 27821 sqm (6.35 Acres)
	h.	Total	189987 sqm
12	Mode of transportation of Raw material and storage facility	Road, if necessary, by water and air as well	
13	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	NA	
14	Fly ash production, storage and disposal details whereas coal is used as fuel	NA	
15	WATER		
	I.	Construction Phase	
	a.	Source of water	
	b.	Quantity of water for Construction in KLD	
	c.	Quantity of water for Domestic Purpose in KLD	
	d.	Waste water generation in KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	
	II	Operational Phase	
	a.	Source of water	

	b.	Total Requirement of Water in KLD	Fresh	1189
			Recycled	442
			Total	1631
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	1112
			Recycled	442
			Total	1554
	d.	Requirement of water for domestic purpose in KLD	Fresh	77
			Recycled	-
			Total	77
	e.	Waste water generation in KLD	Industrial effluent	567
			Domestic sewage	73
			Total	640
	f.	ETP/ STP capacity	ETP-1 385 KLD (With MEE) ETP-2 200 KLD STP-1 40 KLD STP-2 40 KLD	
	g.	Technology employed for Treatment	ZLD	
h.	Scheme of disposal of excess treated water if any	Fully reused		
16	Infrastructure for Rain water harvesting		Near Utility Building- 50KL - Collecting rain water from Utility and Electrical sub-station roof tops.	
17	Storm water management plan		Near QA/QC Block- 50KL- Collecting rain water from API production block and QA/QC Block roof tops. In Parking Area - 142 KL -Collecting rain water from Warehouse and Admin &Canteen Block roof tops.	
18	Air Pollution			
	a.	Sources of Air pollution	Process Area, Boiler, Incinerator, and DG Sets	
	b.	Composition of Emissions	Acid Mist/VOC's, SOx, NOx, SPM	
	c.	Air pollution control measures proposed and technology employed	Packed column scrubbers for process area, and adequate stack height for DG sets.	
19	Noise Pollution			
	a.	Sources of Noise pollution	DG sets	
	b.	Expected levels of Noise pollution in dB	Within limits as acoustic enclosures will be provided	

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	c.	Noise pollution control measures proposed	acoustic enclosures						
20	WASTE MANAGEMENT								
	I.	Operational Phase							
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable			334kg/day			
			Non- Biodegradable			315kg/day			
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Sl	Name of the hazardous waste	Category no	UOM	Final Quantity /Annual	Disposal vendor	Remarks
			1	Used Oil /Spent Oil	5.1	KL	1.2	Karnataka Traders	Vendor agreement completed
			2	Wastes or residues containing oil	5.2	MT	5	E-Nano Incitech	Vendor agreement completed
			3	Process Residue and wastes	28.1	MT	882	E-Nano Incitech	Vendor agreement completed
			4	Spent Catalyst	28.2	MT	34	E-Nano Incitech	Vendor agreement completed
			5	Spent Carbon	28.3	MT	10	E-Nano	Vendor agreement

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	a.	Total Power Requirement in the Operational Phase with source	Existing 6500+500 KVA, MESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing - 3000 KVA x 2, 2000 KVA, 500 KVA
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boilers 10 TPH x 2 Nos., 5 TPH, 2 TPH is powered by FO/ gas HSD for DG sets
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	-
22	PARKING		
	a.	Parking Requirement as per norms	Yes
	b.	Internal Road width (RoW)	6m
23	Any other information specific to the project (Specify)		-

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre feasibility Report and clarification/additional information provided during the meeting.

This is a proposal for modification of earlier EC issued on 06.08.2020. The proponent stated that there is an addition of 7 APIs products, R&D synthesis, Custom synthesis and launch products. He has also stated that there is a deletion of 25 products from the existing EC. The proponent has stated that there is no increase in pollution load due to the modification of the earlier EC and provided the details to that effect.

The proponent stated that the effluent generated is treated within the industrial premises by establishing ZLD unit. The proponent also stated that he has earmarked Rs. 3.31 Crores towards CER activities.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

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256.44 Proposed Bulk Drugs & Intermediates Manufacturing Unit Project at Plot Nos.279 & 300 of Kadechur Industrial Area, Yadagir Taluk & District by M/s. Pharma Noble Chem Limited (SEIAA 04 IND 2021) [SIA/KA/IND2/193821/2021]

It is a proposal seeking Environmental Clearance for proposed Manufacturing of Bulk Drugs & Intermediates at Plot Nos. 279 & 300 of Kadechur Industrial Area, Yadagir Taluk & District by M/s. Pharma Noble Chem Limited

The total plot area is 38,458Sq.m. The proponent has stated that he will develop greenbelt in an area of 12,852Sq.m i.e., 33.4 %. The estimated cost of the proposed project is Rs. 30 Crores.

The total fresh water requirement for the project is 172.1 KLD, and it will be met from the KIADB water supply. The waste water generation will be 94.8 KLD, out of which 8.6 KLD will be the domestic sewage. Domestic sewage will be treated in modular STP and treated sewage will be used for gardening. The industrial effluent will be 86.2 KLD. Trade effluent will be segregated in to HTDS of 39 KLD and LTDS of 47.2 KLD. HTDS effluents will be treated in Solvent stripper, MEE of 50 KLD capacity followed by centrifuge. Condensate of MEE & Centrifuge will be treated in Biological ETP of 100 KLD capacity along with LTDS effluents. For tertiary treatment RO will be provided. RO permeate will be sent to total water makeup. RO rejects will be sent to MEE.

There is a proposal for CETP within the Kadechur Industrial area for which Environmental Clearance has been obtained. Once CETP comes into the operation the industry will switch to CETP instead of ZLD system.

Power requirement will be 3000 KVA and will be met from GESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). It is proposed to install 1 X 1010 KVA & 2 X 500 KVA DG set as standby during power failure. It is proposed to install 3 TPH & 5 TPH Briquette/Coal fired boiler and 4 No's of scrubbers for controlling process emission.

About the Project

Sl. No	PARTICULARS	INFORMATION		
1	Name and Address of the Project Proponent	M/s. Pharma Noble Chem Ltd Chowni Nade Ali Baig, Hyderabad - 560023		
2	Name and Location of the Project	"Manufacturing of Bulk drugs and Intermediates" Plot No's. 279 & 300, Kadechur Industrial area, Yadagir Distirct, Karnataka.		
3	Co-ordinates of the Project Site	Corner	Latitude	Longitude
		A	16°31'31.30"N	77°18'17.06"E
		B	16°31'31.40"N	77°18'19.59"E

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		C	16°31'33.21"N	77°18'21.96"E
		D	16°31'33.12"N	77°18'23.97"E
		E	16°31'26.02"N	77°18'23.74"E
		F	16°31'26.07"N	77°18'16.98"E
4	Environmental Sensitivity			
	a.	Distance From nearest Lake/ River/ Nala	Krishna river at 8 km (SW)	
	b.	Distance from Protected area notified under wildlife protection act	--	
	c.	Distance from the interstate boundary	Karnataka- Telangana interstate boundary - 3 Km (SE)	
	d.	Whether located in critically / severally polluted area as per the CPCB norms	No	
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Activity 5 (f) of Category-B	
6	New/ Expansion/ Modification/ Product mix change		New	
7	Plot Area (Sqm)		38458 Sqmt	
8	Built Up area (Sqm)			
9	Component of developments		"Manufacturing of bulk drugs and intermediates unit"	
10	Project cost (Rs. In crores)		Rs. 30 crores	
11	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	13414 Sqm	
	b.	Kharab Land	--	
	c.	Internal Roads	8682 Sqm	
	d.	Paved area	--	
	e.	Parking	--	
	f.	Green belt	12852	
	g.	Others Specify	Open area - 3510 Sqm	
	h.	Total	38458 Sqm	
12	Products and By- Products with quantity (enclose as Annexure if necessary)		List of Proposed Products are enclosed as Annexure - 1.	
13	Raw material with quantity and their source (enclose as Annexure if necessary)		The Raw materials required for the proposed products along with their quantity is attached as Annexure - 3.	
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process mostly bought from the local (indigenous) markets. Mode of transportation of all materials to the project site is by road.	

		Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores		
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in coal storage yard		
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent to brick manufacturing industry		
17	Complete process flow diagram and technology employed	The complete process description along with route of synthesis, flow diagram and material balance for the proposed products is attached as Annexure - 2.		
18	Details of Plant and Machinery with capacity/ Technology used	Briquettes/Coal fired Boilers: 5 TPH & 3 TPH (1 no's each)		
19	Details of VOC emission and control measures wherever applicable	--		
20	WATER			
	I.	Construction Phase		
	a.	Source of water	KIADB	
	b.	Quantity of water for Construction in KLD	5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	3.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile toilet.	
	II	Operational Phase		
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	172.1
			Recycled	78.5
			Total	250.6
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	162
			Recycled	78.5
			Total	240.5
	d.	Requirement of water for domestic purpose in KLD	Fresh	10.1
			Recycled	--
			Total	10.1
	e.	Waste water generation in KLD	Industrial effluent	86.2
			Domestic sewage	8.6
			Total	94.8
	f.	ETP/ STP capacity	MEE of 50 KLD capacity with stripper and	

			ATFD, Biological treatment Plant of 100 KLD capacity, RO of 100 KLD capacity & STP of 10 KLD capacity.
	g.	Technology employed for Treatment	MEE of 50 KLD capacity with stripper and ATFD, Biological treatment Plant of 100 KLD capacity, RO of 100 KLD capacity & STP of 10 KLD capacity.
	h.	Scheme of disposal of excess treated water if any	Zero discharge
21	Infrastructure for Rain water harvesting		Will be implemented
22	Storm water management plan		Will be implemented
23	Air Pollution		
	a.	Sources of Air pollution	DG set of capacity - 2 X 1010 KVA, 2 X 500 KVA Boiler- Briquette/Coal fired Boiler: 1 X 5 TPH & 1 X 3 TPH
	b.	Composition of Emissions	--
	c.	Air pollution control measures proposed and technology employed	Scrubbers
24	Noise Pollution		
	a.	Sources of Noise pollution	DG set, motors, compressor
	b.	Expected levels of Noise pollution in dB	75 dB
	c.	Noise pollution control measures proposed	DG set will be installed with inbuilt acoustic enclosures.
25	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	The list of solid waste with their quantity is mentioned in PFR report
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	The list of hazardous waste with their quantity is mentioned in PFR report
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26	Risk Assessment and disaster management		Risk assessment has been done and enclosed along with application.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	Power required - 3000 KVA Source- GESCOM
	b.	Numbers of DG set and capacity in	2 X 1010 KVA, 2 X 500 KVA

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		KVA for Standby Power Supply	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Briquettes/Coal DG set - HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--
28	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	Approach road width- 15 m Internal road width - 6 m (min)
29	Any other information specific to the project (Specify)		--

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 256th SEAC meeting held on 04.02.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre feasibility Report and clarification/additional information provided during the meeting.

The committee observed that this is a new proposal for manufacture of Bulk Drugs and Intermediates. The proponent stated that the construction of CETP within the industrial area is under progress. Hence the proponent has stated that the effluents generated will be sent to CETP after primary treatment as per the prescribed specification. The proponent also stated that he has earmarked Rs. 60 Lakhs towards CER activities as a part of the EMP.

The proponent stated that he will manufacture 8 products out of 18 products at any given point of time.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

By Permission of Chair

A. Referred Back from SEIAA

256.45 Proposed Manufacturing of Fluorescent Inks / Ink Bases / Ink Concentrates, Fluorescent Pigments, Fluorescent Dyes, Fluorescent Dispersions, UV Inks & Intaglio Inks Unit Project at Plot No.29B, KIADB Industrial Area, 1st Phase,

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Malur Taluk, Kolar District by M/s. Huebright Colors Pvt. Ltd (SEIAA 09 IND 2020)

M/s. Huebright Colors Pvt. Ltd have applied for Environmental clearance from SEIAA for Establishment of Proposed Manufacturing of Fluorescent Inks / Ink Bases / Ink Concentrates, Fluorescent Pigments, Fluorescent Dyes, Fluorescent Dispersions, UV Inks & Intaglio Inks Unit Project at Plot No.29B, KIADB Industrial Area, 1st Phase, Malur Taluk, Kolar District Karnataka.

The subject was discussed in the SEAC meeting held on 15.12.2020. The Committee after discussion decided to appraise the proposal as B1 as per EIA Notification 2006 and had decided to recommend the proposal to SEIAA for issue of standard TORs and the following additional TORs for conducting EIA study in accordance with EIA Notification 2006 along with relevant guidelines. Accordingly, the TORs were issued from SEIAA on 01.09.2020 and the proponent submitted EIA report on 08.11.2020.

The subject was discussed in the SEAC meeting held on 15.12.2020. The committee after discussion decided to recommend the proposal to SEIAA subject to submission of following information to SEIAA:

1. Details of storage requirement of chloroform and precautionary measures to avoid possible hazard.
2. Alternative to Toluene may be provided.
3. Commitment to make the operational area impervious to prevent contamination of ground.

The proposal was considered in SEIAA during 192nd SEIAA meeting held on 16.01.2021. The Authority perused the proposal and took note of the recommendation of SEAC along with the reply submitted by the project proponent.

The Authority observed that the information sought by the SEAC vital in nature and should have been part appraisal process. The appraisal without such information would be incomplete. The Authority opined that such recommendation need to be reappraised along with all the required information and recommendation deemed fit based on merit is to be sent to the Authority keeping the letter and spirit of EIA Notification, 2006 in mind.

The Authority therefore decided to refer the file back to SEAC for reappraisal along with the information furnished by the Project Proponent on 04-01-2021 and after obtaining other information if any. Recommendation deemed fit based on merit may be sent to the Authority at the earliest.

As per the above SEIAA decision this project is placed before 256th SEAC meeting held on 04.02.2021. The proponent has submitted replies to the issues raised during the meeting held on 15.12.2020.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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



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256.46 Proposed Residential Villa Project at Sy. No. 60 of Huskur Village and Sy No 151 of Bommenahalli Village Bangalore East Taluk, Bangalore District ByM/s. NVT Quality Lifestyle Projects Pvt. Ltd (SEIAA 94 CON 2020)

M/s. NVT Quality Lifestyle Projects Pvt. Ltd., have proposed for construction of Residential Villa Project at Sy. No 60 of Huskur Village and Sy No. 151 of Bommenahalli Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru on a plot area of 56,352.39 Sq.m. (13 acre 37 Guntas).

The total built up area is 39218.25 Sq.m. The proposed project consists of 128 No's of Residential units with building configuration of 1 G + 1 UF + 1 Terrace and a Club House. Total parking space proposed is for 149 No's of Cars. Total water consumption is 86 KLD (Fresh water + Recycled water). The total wastewater generated is 77 KLD. The project proponent has proposed to construct Sewage Treatment Plant with a capacity of 80KLD. The project cost is Rs. 65.00 Crores.

The Project was considered and recommended by SEAC for issue of EC during the meeting held on 17.08.2020. The proposal was referred back by SEIAA to SEAC due to request made by the then Chairman, SEAC for reason of some discrepancy in the minutes.

The subject was discussed in the 253rd SEAC meeting held on 15.12.2020. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The committee screened the proposal considering the information provided in the statutory Application-Form I, IA, Conceptual plan, and clarification/additional information provided during the meeting.

As submitted by the proponent, the project site is in the Hoskote town planning area and as per the village survey maps there are no water bodies either in the form of natural nala or water body which attracts buffer zone as per norms.

As far as the rain water harvesting is concerned the proponent has stated that 31309 cubic meter water will be collected annually and 12 numbers of recharge pits are proposed to be established. Further the proponent has proposed to build 200cum water storage tank to store the rain water collected from terrace area. The run off from the Paved and the Landscape Area will be harvested by collecting the same in Surface Water Collection Sump of 100 Cum capacity and will be reused. With regards to sourcing of water for construction purpose, the proponent clarified that he will procure treated water from agencies who have entered into agreement with BWSSB. As far as CER is concerned the proponent has stated that he will earmark Rs. 1.20crores and the same will be contributed to CM cares fund.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC with a condition that the following information should be submitted to SEIAA.

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- 1) Source of water for the project needs to be detailed out. Proponent needs to submit Scientific Assessment of Water from qualified person/ agency or NOC from concerned Gram Panchayat.
- 2) Details of recreational area in the residential project Area.
- 3) Revised water balance with details of utilization of treated water for flushing, gardening and other non-portable purposes.
- 4) Commitment for utilization of harvested rain water for drinking purpose after treating in Reverse Osmosis and Ultrafiltration system.
- 5) To submit the modified scheme for green belt development with emphasis on Medium Growing trees like Honge, Mahogany, flowering and fruit yielding species, with appropriate spacing.
- 6) Layout plan of single villa roof top along with Utilization of the terrace for solar power generation may be worked out and submitted. Utilization of the entire terrace for solar power generation as well as solar thermal for HVAC may be worked out and submitted.

The Committee also recommended the following additional conditions:

- 1) CNG Gen sets in place of DG sets may be put up if feasible.
- 2) Eco friendly materials to be used as much as possible for construction.
- 3) The waste generated during the process of construction should be disposed in accordance with Construction & Demolition waste handling rules-2016.
- 4) E-waste generated should be separately collected and disposed off through authorized recyclers in accordance with the E-waste handling rules.

The proposal was considered in SEIAA during 192nd SEIAA meeting held on 16.01.2021. The Authority perused the proposal and took note of the recommendation of SEAC along with the reply submitted by the project proponent.

The Authority observed that the information sought by the SEAC such as source and availability of water, details of recreational area , Scientific Assessment of Water from qualified person/ agency, Revised water balance with details of utilization of treated water, utilization of harvested rain water, modified scheme for green belt development, Layout plan of single villa roof top along with Utilization of the terrace for solar power generation are vital in nature and decide the fate of the project from the environmental sustainability point of view. The appraisal of project proposals without such information and recommending for issue of EC after seeking such vital information leads to incomplete appraisal and hurried decision.

The Authority further observe that the SEAC should consider the standard conditions set out by the MoEF&CC for each sector and suggest or modify the conditions if any to suit the specific project/ activity and the location. Duplicating and conflicting conditions and the conditions that are not implementable need to be avoided.

In view of the above observations the Authority opined that the Project proposal need to be reappraised by SEAC.



The Authority therefore decided to refer the file back to SEAC for reappraisal along with the information furnished by the Project Proponent on 04-01-2021 and after obtaining other relevant information/document if any. Recommendation deemed fit based on merit may be sent to the Authority at the earliest.

As per the above SEIAA decision this project is placed before 256th SEAC meeting held on 04.02.2021. The committee perused the replies submitted by the project proponent in continuation to the earlier 253rd SEAC proceedings held on 15.12.2020 .

The proponent has furnished NOC from Gram Panchayath. As per the reply the proponent has allocated 15% of the layout for recreational purpose and also he has replied to the other queries.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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

256.47 Proposed Residential Villa Project at Sy.Nos.45/1, 45/2, 45/5, 45/4, 50/1, 50/2, 41/1, 41/2, 41/4, 42/3 of Chambenahalli Village, Sy.Nos.85, 87/1, 87/2, 79/1, 79/2 & 78 of V.Kallahalli Village, Bangalore East Taluk, Bangalore Urban District By M/s. NVT QUALITY LIFESTYLE ESTATE LLP (SEIAA 120 CON 2020)

M/s. NVT Quality Lifestyle Estate LLP have proposed for construction of Residential Villa Project at Sy. Nos. 45/1, 45/2, 45/5, 45/4, 50/1, 50/2, 41/1, 41/2, 41/4, 42/3 of Chambenahalli Village, Sy.Nos.85, 87/1, 87/2, 79/1, 79/2, 78 of V.Kallahalli Village, SarjapuraHobli, Anekal Taluk, Bengaluru, on a plot area of 76104.14 sq.m (18 acre 24.25 guntas +8 guntasKharab Land). The total built up area is 60,000 Sq. m. The proposed project consists of 161 No's of Residential units with building configuration of 1 G + 1 UF + 1 Terrace and a Club House. Total parking space proposed is for 204 No's of Cars. Total water consumption is 130 KLD (Fresh water + Recycled water). The total wastewater generated is 117 KLD. It is proposed to construct Sewage Treatment Plant with a capacity of 125 KLD. The project cost is Rs. 60.00 Crores.

The Project was considered and recommended by SEAC for issue of EC during the meeting held on 17.08.2020. The proposal was referred back by SEIAA to SEAC due to request made by the then Chairman, SEAC for reason of some discrepancy in the minutes.

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 253rd SEAC meeting held on 15.12.2020. The committee appraised the proposal considering the information provided in the statutory application Form-I, Pre-feasibility report, EIA Report and clarification/additional information provided during the meeting.

As seen from the village survey map there is one nala running on the eastern side of the project site for which the proponent has stated that he has left 9 meter buffer zone on both the sides of nala as mandated by Anekal Planning Authority.

The project is located outside the BBMP limit & the proponent has stated that the source of water is Grama Panchayat, for which the proponent further said that he will go for required plumbing arrangements to treat the sullage & sewage separately & to utilize the same for even primary purposes after ultra filtration & reverse osmosis.

As far as the rain water harvesting is concerned the proponent has stated that he has proposed to build one underground 200 cum water storage tank to store the rain water collected from terrace area. He further stated that an overhead storage tank of 10 m³ will be constructed for firefighting purpose.

As far as CER is concerned the proponent has stated that he will earmark Rs. 90.00 lakhs and the same will be contributed to CM cares fund.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC with a condition that the following information should be submitted to SEIAA.

- 1) Source of water for the project needs to be detailed out. Proponent needs to submit Scientific Assessment of Water from qualified person/ agency or NOC from concerned Gram Panchayat.
- 2) Details of recreational area in the residential project Area.
- 3) Revised water balance with details of utilization of treated water for flushing, gardening and other non-potable purposes.
- 4) Commitment for utilization of harvested rain water for drinking purpose after treating in Reverse Osmosis and Ultrafiltration system.
- 5) To submit the modified scheme for green belt development with emphasis on Medium Growing trees like Honge, Mahogany, flowering and fruit yielding species, with appropriate spacing.
- 6) Layout plan of single villa roof top along with Utilization of the terrace for solar power generation may be worked out and submitted. Utilization of the entire terrace for solar power generation as well as solar thermal for HVAC may be worked out and submitted.

The Committee also recommended the following additional conditions:

- 1) CNG Gen sets in place of DG sets may be put up if feasible.
- 2) Eco friendly materials to be used as much as possible for construction.
- 3) The waste generated during the process of construction should be disposed in accordance with Construction & Demolition waste handling rules-2016.



- 4) E-waste generated should be separately collected and disposed off through authorized recyclers in accordance with the E-waste handling rules.

The proposal was considered in SEIAA during 192nd SEIAA meeting held on 16.01.2021. the Authority perused the proposal and took note of the recommendation of SEAC along with the above information furnished by the project proponent on 04. 01. 2021.

The Authority observed that the information sought by the SEAC such as source and availability of water, details of recreational area , Scientific Assessment of Water from qualified person/ agency, Revised water balance with details of utilization of treated water, utilization of harvested rain water, modified scheme for green belt development, Layout plan of single villa roof top along with Utilization of the terrace for solar power generation are vital in nature and decide the fate of the project from the environmental sustainability point of view. The appraisal of project proposals without such information and recommending for issue of EC after seeking such vital information leads to incomplete appraisal and hurried decision.

The Authority further observe that the SEAC should consider the standard conditions set out by the MoEF&CC for each sector and suggest or modify the conditions if any to suit the specific project/ activity and the location. Duplicating and conflicting conditions and the conditions that are not implementable need to be avoided.

In view of the above observations the Authority opined that the Project proposal need to be reappraised by SEAC.

The Authority therefore decided to refer the file back to SEAC for reappraisal along with the information furnished by the Project Proponent on 04-01-2021 and after obtaining other relevant information/document if any. Recommendation deemed fit based on merit may be sent to the Authority at the earliest.

As per the above SEIAA decision this project is placed before 256th SEAC meeting held on 04.02.2021. The committee perused the replies submitted by the project proponent in continuation to the earlier 253rd SEAC proceedings held on 15.12.2021.

The proponent has furnished NOC from Gram Panchayath. As per the reply the proponent has allocated 15% of the layout for recreational purpose and also he has replied to the other queries.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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





B. Reconsidered Projects

256.48 Proposed Building Stone Quarry Project at Sy.Nos.26/9 & 26/10 of Sulthanpur Village, Koppal Taluk & District (2-00 Acres) By Sri A. Honnurappa (SEIAA 252 MIN 2020)

Sri A. Honnurappahas applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Sy.Nos.26/9 & 26/10 of Sulthanpur Village, Koppal Taluk & District an area of 2-00 Acres of patta land.

The Project was considered and recommended by SEAC for issue of EC during the meeting held on 17.08.2020. The proposal was referred back by SEIAA to SEAC due to request made by the then Chairman, SEAC for reason of some discrepancy in the minutes.

The subject was discussed in the 253rd SEAC meeting held on 17.12.2020. The Committee noted that this is a new lease involving building stone mining in patta land.

The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 30.05.2020 for 20 years. The proponent has stated that as per quarry plan there is a level difference of 4.1 meters within the mining area and the proposed proved quantity of 1,72,341 tonnes can be mined to a quarry pit depth of 24meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 1.43Km connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.2.50 lakh.

The committee observed that as per the extended combined sketch prepared by the DMG there are 05 leases including this lease and the extended sketch is not forthcoming to categorize the project.

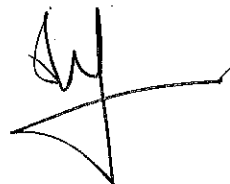
The committee after discussion decided to reconsider the proposal after submission of the following documents.

1. Submission of Extended Cluster Certificate from the competent Authority.
2. Justification for type of road shown in the map.

The proponent submitted replies vide letter dated 16.01.2021.

The replies submitted by the proponent were placed before the 256th SEAC meeting held on 04.02.2021 for reconsideration.

As per the Extended Cluster sketch prepared by the DMG there are 5 leases including this lease with in the radius of 500mts from this lease area. The total area of all these leases is 12-05 Acres and which being less than the threshold limit of 5 Ha, the committee categorized this project under B2 Category as per EIA Notification, 2006.



The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 34,468 tonnes(Including waste). Considering the proved mineable reserve of 1,72,341tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years.

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

256.49 Proposed M-Sand Quarry Project at Sy.No.188(P) of Marle Village, Chikkamagaluru Taluk, Chikkamagaluru District (7-00 Acres) By Sri K.S. Shanthe Gowda (SEIAA 283 MIN 2020)

Sri K.S. Shanthe Gowda have applied for Environmental clearance from SEIAA for quarrying of building stone at Sy.No.188(P) of Marle Village, Chikkamagaluru Taluk, Chikkamagaluru District (7-00 Acres) Government revenue Land (Gomala).

The Project was considered and recommended by SEAC for issue of EC during the meeting held on 17.08.2020. The proposal was referred back by SEIAA to SEAC due to request made by the then Chairman, SEAC for reason of some discrepancy in the minutes.

The subject was discussed in the 253rd SEAC meeting held on 15.12.2020. The Committee noted that this is a new lease involving building stone mining in Government Revenue Land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has been notified on 13.12.2019 for 20 years. The proponent stated that as per the quarry plan there is a level difference of 6meters within the mining area and the proposed proved quantity of 802808tons can be mined to a quarry pit depth of 18meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 570mtr connecting lease area to all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.3.00lakh to take up afforestation, water supply and sanitation works in nearby govt. high school.

As per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500mts from this lease area. But the project proponent have not submitted the Cluster map duly signed by Competent Authority and Joint Inspection Report. The Chairman, SEAC opined availability of information which are critical to take decision may be verified before placing before the committee.

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

1. Submission of cluster Map signed by competent authority



2. Submission of Joint Inspection Report
3. Submission of Details regarding activities to be taken up under CER
4. A detailed afforestation plan in roadside/ nearby schools/ other civic amenities etc. should be submitted under EMP

The proponent has submitted the replies vide letter dated 11.01.2021. This replies placed before the 256th SEAC meeting held on 04.02.2021. The committee perused the replies and agreed for three points except the cluster certificate/sketch.

Committee observed that as per the cluster sketch certified by DMG there are 7 leases including this lease within 500 meters from this lease area and ECs were issued for all 6 leases of prior to 15.01.2016. However the committee observed that there are 2 leases in the same survey number 188 of marle village and Chikkamagaluru Taluk. For these 2 leases ECs were issued vide SEIAA 01 MIN 2020 dated 26.05.2020 and SEIAA 43 MIN 2020 dated 29.08.2020 were not recorded in the cluster sketch. The committee was of the opinion that ECs / grant of leases are a continuous process and new leases are being granted on a regular basis adding to the existing leases in the cluster / area. To have clarity there needs to be cut off date to cluster certificate - cluster certificates issued not more than 2 months prior to the date of receipt of application of the proponent or any other reference date to be considered.

The committee after discussion and deliberation decided to reconsider the project after submission of clarification about the cluster certificate/sketch.

Action: Member Secretary, SEAC to put up the proposal before SEAC in subsequent meeting after receipt of the above information.

256.50 Proposed Mixed Use Development Project at Sy.Nos.215/6, 215/7, 215/8, 215/9, 215/10, 215/15, 217/1, 217/2, 217/4, 218, 230/2, 230/3, 230/4, 231/1A, 231/1B, 231/2, 231/3, 231/4, 231/5, 232/1A, 232/1B, 232/1C, 232/2, 232/3, 232/4, 232/5, 232/6, 233/1, 233/2, 234/1, 234/2, 234/3, 269/1, 269/5, 270/1, 270/2 & 270/3 of Gunjur Village, VarthurHobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Mysore Projects Pvt. Ltd. (SEIAA 125 CON 2020), [SIA/KA/NCP/55709/2020]

It is a proposal seeking Environmental Clearance for Proposed Mixed Use Development Project at Sy.Nos.215/6, 215/7, 215/8, 215/9, 215/10, 215/15, 217/1, 217/2, 217/4, 218, 230/2, 230/3, 230/4, 231/1A, 231/1B, 231/2, 231/3, 231/4, 231/5, 232/1A, 232/1B, 232/1C, 232/2, 232/3, 232/4, 232/5, 232/6, 233/1, 233/2, 234/1, 234/2, 234/3, 269/1, 269/5, 270/1, 270/2 & 270/3 of Gunjur Village, VarthurHobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Mysore Projects Pvt. Ltd.

M/s. Mysore Projects Pvt Ltd have proposed for construction of Mixed-Use Development Project on a plot area of 66 Acres 15.8 Guntas (2,68,812 Sq.m). The total built up area is 17,03,600 Sq.m. The proposed project consists of 6400 Dwelling Units in 22 Blocks of Residential Development, 450 Serviced Apartments, Offices for IT/ITES for about 25,000

Employees, Retail Mall, Convention Centre with 500 seats, Food court/cafeteria with 2,500 seats, School for about 2500 Students, 200 Bedded Hospital, Sports and Recreational Center and a Club House. Total parking space proposed is for 12,500 No's of Cars.

Total water consumption is 6,661KLD (Fresh water + Recycled water). The total wastewater generated is 5,995 KLD. It is proposed to construct Sewage Treatment Plants with a total capacity of 6,230KLD. The project cost is Rs.2000 Crores. It is a new proposal. This Project/ Activity is covered under category B of item 8 (a) "Building and Construction Projects" of the schedule to the EIA Notification, 2006.

The proposal was placed before the committee for the appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 254th SEAC meeting held on 06.01.2021. The committee screened the proposal considering the information provided in the statutory Application-Form I, Form- IA, conceptual plan and clarification/additional information provided during the meeting.

In view of the large size and nature of the project, the committee after discussion and deliberation decided to form the following sub-committee for inspecting the project site for suggesting additional Terms of Reference for EIA.

Sl.No	Name
1.	Shri Mahendra Kumar MC
2.	Shri Nanda Kishore
3.	Shri B.V.Byara Reddy
4.	Shri B Ramasubba Reddy
5.	Shri Devegowda Raju
6.	Shri Sharanabasava Chandrashekhar Pilli
7.	Dr.Shekar H.S
8.	Shri. J.G Kaveriappa
9.	Shri. Vyshak V Anand

In continuation to the above proceedings the sub committee visited the project site on 23.01.2021 and submitted the report on 02.02.2021. The sub committee inspection report is placed before the committee and decided to issue the following additional Terms of Reference.

1. Study should be conducted about the flora and fauna along the Nala and retention of nala in its current form.
2. The location and size of Nala shall exactly match with the Village Map and sufficient buffer on either side of nala to be left as per NGT / Supreme court Norms without disturbing the buffer.

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3. Study of Drainage pattern with respect to project and surrounding area, Submit the copy of Contour plan with slopes and drainage pattern.
4. Conduct the study based on source wise waste generation and separate plan for organic, inorganic waste processing, sanitary waste and household hazardous waste.
5. Explore on possibility of Biogas / Installation of centralized Biomethanation Plant or other alternative Technologies like Waste to Energy Plants scientifically, instead of conventional composting (OWC) and provide MRF/Baling /RDF etc for inorganic waste.
6. Enumerate the details of existing tree species within the project site and scheme to retain old large trees on the project site.
7. Submit original Village Map attested by Survey and Land records department.
8. Plan for Hospital Waste Management as per Bio-Medical Waste Management Rules-2016 should be detailed.
9. The project Proponent shall provide Right of Way (ROW) for Sy. No. 216, Gunjur Village which is land locked (i.e Muneshwara Swamy Temple) and study the religious importance if any.
10. As per Noise Pollution Rules 2000, the project proponent has to declare School, Hospital and the Temple as Silent Zones and follow the guidelines in their EIA report.
11. The proponents have to conduct detailed traffic study since the approach road, that is Varthur main is getting traffic jam at present.

The Committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of standard ToRs, above additional ToRs recommended by sub-committee and along with following additional TORs for conducting EIA study in accordance with EIA Notification 2006.

- 1) Details of the kharab land and its position on the village survey map may be detailed.
- 2) Management plan to utilize the entire earth generated within the site may be worked out and submitted.
- 3) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 4) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 5) Rain water harvesting/storage details may be worked out.
- 6) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 7) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per norms.
- 8) List of existing and proposed trees species wise and number wise may be detailed and submitted.
- 9) Sampling locations shall be as per standard norms.

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

256.51. Proposed Bulk Drug and Intermediates Manufacturing Unit Project at Plot No.200 of KIADB Kolhar Industrial Area, Kolhar Village, Nizampur Hobli, Bidar Taluk & District M/s. Chandra Life Science Pvt. Ltd. (SEIAA 62 IND 2020), [SIA/KA/IND2/176583/2020]

It is a proposal seeking Environmental Clearance for proposed Expansion of Bulk Drugs & Intermediates at Plot No.200 of KIADB Kolhar Industrial Area, Kolhar Village, Nizampur Hobli, Bidar Taluk & District by M/s. Chandra Life Sciences Pvt. Ltd

The total plot area is 24,300Sqm. The proponent has stated that he has developed greenbelt in an area of 9,234 Sqm i.e., 38 %. The estimated cost of the proposed expansion project is Rs. 16.35 Crores.

The total fresh water requirement for the project is 128.8 KLD, and it will be met from the KIADB water supply. The waste water generation will be 68.3 KLD, out of which 7.7 KLD will be the domestic sewage. Domestic sewage will be treated in Biological treatment plant. The industrial effluent will be 60.6 KLD. Trade effluent will be segregated in to HTDS of 54.6 KLD and LTDS of 57.4 KLD. HTDS effluents will be treated in Solvent stripper, MEE of 55 KLD capacity followed by ATFD. Condensate of MEE & ATFD will be treated in Biological ETP of 60 KLD capacity along with LTDS effluents. For tertiary treatment RO will be provided. RO permeate will be sent to Boiler & Cooling Tower makeup. RO rejects will be sent to MEE.

Power requirement will be 240 KVA and will be met from GESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). Industry is having 1 X 380 KVA DG set as standby during power failure. It is proposed to install 1 X 5 TPH Briquette/Coal fired boiler and 2 No's of scrubbers for controlling process emission.

Sl. No	PARTICULARS	INFORMATION
1	Name and Address of the Project Proponent	Mr. B Sathyanarayana Managing Director M/s. Chandra Life Sciences Pvt. Ltd Plot No. 200, KIADB Kolhar Industrial Area, Nizampur Hobli, Bidar Taluk & Bidar District - 585402 Ph: 08482-232715
2	Name and Location of the Project	"Expansion of Bulk Drugs and Intermediates" Plot No. 200, KIADB Kolhar Industrial Area, Nizampur Hobli, Bidar taluk &

		District - 585402.		
3	Co-ordinates of the Project Site	Corner	Latitude:	Longitude
		A	17° 54' 35.5" N	77° 27' 18.2" E
		B	17° 54' 36.4" N	77° 27' 24.6" E
		C	17° 54' 30.6" N	77° 27' 18.9" E
	D	17° 54' 31.4" N	77° 27' 23.4" E	
4	Environmental Sensitivity			
	a.	Distance From nearest Lake/ River/ Nala	1. Papnash river - 4.5 Km (NE) 2. Janwadakere - 8.5 Km (N) 3. Karanja Reservoir - 15 Km (W)	
	b.	Distance from Protected area notified under wildlife protection act	--	
	c.	Distance from the interstate boundary	Karnataka - Telangana- 12.9 Km (SE) Karnataka - Maharashtra- 37.7 Km (N)	
	d.	Whether located in critically / severally polluted area as per the CPCB norms	No	
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Activity 5 (f) of Category-B	
6	New/ Expansion/ Modification/ Product mix change		Expansion	
7	Plot Area (Sqm)		24,300 Sqmt	
8	Built Up area (Sqm)			
9	Component of developments		"Manufacturing of bulk drugs and intermediates unit"	
10	Project cost (Rs. In crores)		Rs. 16.35 crores	
11	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	10,340 Sqm	
	b.	Kharab Land	--	
	c.	Internal Roads	4,726 Sqm	
	d.	Paved area	--	
	e.	Parking	--	
	f.	Green belt	9234 sqm	
	g.	Others Specify	--	
	h.	Total	24,300 Sqm	
12	Mode of transportation of Raw material and storage facility		The chemicals required for the process will be bought from the local (indigenous) markets. Mode of transportation of all materials to the project site is by road.	

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		Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores		
13	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in coal storage yard		
14	Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent to brick manufacturing industry		
15	Details of Plant and Machinery with capacity/ Technology used	Briquettes/Coal fired Boilers: 2 TPH & 5 TPH (1 no's each)		
16	WATER			
	I. Construction Phase			
	a.	Source of water	KIADB	
	b.	Quantity of water for Construction in KLD	5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1.5 KLD	
	d.	Waste water generation in KLD	1.3 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile toilet.	
	II Operational Phase			
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	128.8
			Recycled	52
			Total	180.8
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	119.8
			Recycled	52
			Total	191.8
	d.	Requirement of water for domestic purpose in KLD	Fresh	9.0
			Recycled	--
			Total	9.0
	e.	Waste water generation in KLD	Industrial effluent	60.6
			Domestic sewage	7.7
			Total	68.3
	f.	ETP/ STP capacity	MEE of 55 KLD capacity with stripper and ATFD	
	g.	Technology employed for Treatment	MEE of 55 KLD capacity with stripper and ATFD	

	h.	Scheme of disposal of excess treated water if any	Zero discharge
21		Infrastructure for Rain water harvesting	Will be implemented
22		Storm water management plan	Will be implemented
23		Air Pollution	
	a.	Sources of Air pollution	DG set of capacity - 380 KVA (1 no's each) Boiler- Briquette/Coal fired Boiler: 2 TPH & 5 TPH (1 no's each)
	b.	Composition of Emissions	--
	c.	Air pollution control measures proposed and technology employed	Scrubbers
24		Noise Pollution	
	a.	Sources of Noise pollution	DG set, motors, compressor
	b.	Expected levels of Noise pollution in dB	75 dB
	c.	Noise pollution control measures proposed	DG set will be installed with inbuilt acoustic enclosures.
25		WASTE MANAGEMENT	
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	The list of solid waste with their quantity is mentioned in PFR report
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	The list of hazardous waste with their quantity is mentioned in PFR report
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26		Risk Assessment and disaster management	Risk assessment has been done and enclosed along with application.
27		POWER	
	a.	Total Power Requirement in the Operational Phase with source	Power required - 240 KVA Source- GESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA (1 no's each)
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set	Boiler - Briquettes/Coal DG set - HSD

		etc.,	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--
28	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	Approach road width- 10 m Internal road width - 5 m (min)
29	Any other information specific to the project (Specify)		--

The proposal is placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended 255th SEAC meeting held on 19.01.2021. The committee screened the proposal considering the information provided in the statutory application-Form I, prefeasibility report and clarification/additional information provided during the meeting.

The proposal is for the expansion of the existing project for which the EC was issued initially during 2008 and subsequently during 2020. As far as certified compliance to the earlier EC conditions, the proponent stated that the Regional Office, MoEF&CC, officials visited the site and the certified compliance of the earlier EC conditions is yet to be issued. The proponent also stated that he will install ZLD system and separate Environmental Lab, within the project premises. This project site is situated in Severely Polluted Industrial Area (SPAs), for which the proponent has stated that he will abide by the conditions stipulated by the Authorities.

The committee after discussion and deliberation decided to reconsider the project after receipt of the following information,

1. Certified compliance to the earlier EC conditions.
2. Submission of compliance to SPAs guidelines as per MoEF&CC order Dated 31.10.2019 and 30.12.2019.
3. Submission of revised EMP.

The proponent submitted the replies on vide letter dated 01.02.2021. The replies submitted by the proponent were placed before the 256th SEAC meeting held on 04.02.2021 for reconsideration. As per the certified compliance to the various conditions of Environmental Clearance is Satisfactory.

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

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

256.52. Proposed Pink Granite Quarry Project" at Sy.No.177/5 of Hulageri Village, Kushtagi Taluk, Koppal District (5-00 Acres) by Smt. Shivaleela V Kulakarni (SEIAA 353 MIN 2020), [SIA/KA/MIN/184919/2020]

Smt. Shivaleela V Kulakarni has applied for Environmental clearance from SEIAA for quarrying of Pink Granite in 5-00 Acres, Patta land at Sy.No.177/5 of Hoolgeri Village, Kushtagi Taluk, Koppal District.

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Smt. Shivaleela V Kulakarni W/o Vinay Kulakarni Near Pavan School, Plot No.104, Barakotri, Dharwad Taluk & District. Karnataka		
2	Name & Location of the Project	"Pink Granite Quarry" of Smt. Shivaleela V Kulakarni Sy No. 177/5, Hulageri Village, Kushtagi Taluk Koppal District, Karnataka		
3	Co-ordinates of the Project Site	Latitude	Longitude	
		A	N 15° 58' 33.4"	E 76° 02' 03.4"
		B	N 15° 58' 32.7"	E 76° 02' 05.0"
		C	N 15° 58' 20.6"	E 76° 02' 02.6"
		D	N 15° 58' 21.7"	E 76° 02' 00.9"
		MAP DATUM - WGS-84		
4	Type of Mineral	Pink Granite Quarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.023 Ha		

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9	Actual Depth of sand in the lease area in case of River sand	NA
10	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Pink Granite Quarry
11	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a fresh land
12	Annual Production Proposed (Metric Tons/ CUM) / Annum	12,000 Cum/annum
13	Quantity of Topsoil/Over burden in cubic meter	About 1.0-2.0 m top soil in the area
14	Mineral Waste Handled (Metric Tons/ CUM)	18,000 Cum/annum
15	Project Cost (Rs. In Crores)	2.42 crores
16	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 Kms
	b. Nearest Human Habitation	Hulageri Village - 2.80 kms (E)
	c. Educational Institutes, Hospital	Kustagi - 29.00 kms (SE)
	d. Water Bodies	Kappalappan Halla - 0.30 Kms (N)
	e. Other Specify	--
17	Applicability of General Condition of the EIA Notification, 2006	--
18	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3-26
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	0-02
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area/Buffer Zone	1-10
	h. Unexplored area	-
	i. Others Specify	--
19	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying
20	Rate of Replenishment in case River sand project	NA
21	Water Requirement	
	a. Source of water	Drinking water : Borewell from the

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			village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.38 KLD
			Domestic	0.60 KLD
			Other	0.82 KLD
			Total	5.8 KLD
22	Storm water management plan		Drains will be constructed along the boundary of activity area	

The subject was appraised in the 255th SEAC meeting held on 20th January 2021 and observed about difference in land area in NOCs certified by Forest Authorities, Revenue Authorities and in the Notification. The committee also suggested to submit the co ordinates of the project site on village map and overlaid on satellite imagery. The proponent agreed to submit clarification and the co-ordinates of project site. Hence the committee deferred the project proposed.

The proponent and consultant attended the meeting and submitted the clarification and corrected sketch, village map. Proponent has clarified that earlier, the area applied was for 5-21 Acres, later the officials of DMG found that seasonal nala was flowing along the North boundary of the applied lease area and joint inspection sketch was issued without considering 50 meters buffer from this nala. Hence the DMG Koppala after considering buffer zone have issued a sketch reducing area from 5-21 Acres to 5-00 Acres.

The proponent informed about NOC obtained from Forest and revenue department and land conversion order. The lease was notified on 10.12.2020 by C&I department for 30 years. As per the approved quarry plan proved quantity is 4,34,438 Cum, (out of which recovery is 40 % i.e. 1,73,775 Cum and 60 % of waste used to be Building Stone i.e. 2,60,663 Cum) and it can be mined to a quarry pit depth of 23 meters for a lease period of 30 years.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 55 mts connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.4.27 lakh to take up distribution of nursery plants at Hulageri village, to construct Rain water harvesting pits in Government Lower Primary School at Hulageri village, to establish Solar Power Panels in Government Higher Primary school at Hulageri village, for Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages & conducting Health camp in nearby community places.

The committee observed that, as per the Cluster sketch prepared by the DMG there are six leases including this lease within the radius of 500 mts from this lease area. Out of which three leases were exempted from cluster effect in view of the fact ECs were issued prior to 15.01.2016. The area of the remaining 3 leases including this lease is 9-03 Acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this

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project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 30,000 Cum (out of which recovery is 40 % i.e. 12,000 Cum and 60% of waste used as Building Stone i.e. 18,000 Cum.) Considering the proposed proved quantity of 4,34,438 Cum,(out of which recovery is 40 % i.e. 1,73,775 Cum and 60 % of Waste used as Building Stone i.e. 2,60,663 Cum)the committee estimated the life of the mine as 15 years.

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

C. Fresh Projects

256.53 Proposed Building Stone Quarry at Part of Sy No.1 in Yereborekaval Village & Sy. No. 20 in Goolenahalli Village Hassan Taluk, Hassan District, Karnataka. (8-00 Acres) by M/s. Rajkamal Builders Pvt. Ltd. (SEIAA 54 MIN 2021) [SIA/KA/MIN/196018/2021]

M/s. Rajkamal Builders Pvt. Ltd. has applied for Environmental clearance from SEIAA for quarrying of Building Stone at Part of Sy No.1 in Yereborekaval Village & Sy. No. 20 in Goolenahalli Village, Hassan Taluk, Hassan District, Karnataka in an area of 8-00 Acres in Government land

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Rajkamal Builders Pvt. Ltd., Base Camp, AmbedkarNagara, Ballupete, Sakaleshpura Taluk, Hassan District, Karnataka		
2	Name & Location of the Project	"Building Stone Quarry" of M/s. Rajkamal Builders Pvt. Ltd., Sy No.1 in Yereborekaval Village & Sy. No. 20 in Goolenahalli Village, Hassan Taluk, Hassan District, Karnataka		
3	Co-ordinates of the Project Site	GPS READING OF CORNER PILLARS		
		CORNER PILLAR	LATTITUDE	LONGITU DE

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		BP-A	N12°55'28.95"	E76°4'40.78"
		BP-B	N12°55'34.12"	E76°4'36.28"
		BP-C	N12°55'37.78"	E76°4'43.55"
		BP-D	N12°55'35.31"	E76°4'46.30"
		BP-E	N12°55'33.79"	E76°4'40.55"
		BP-F	N12°55'30.64"	E76°4'42.59"
		BP-G	N12°55'31.15"	E76°4'44.68"
		BP-H	N12°55'29.05"	E76°4'45.30"
		MAP DATUM - WGS-84		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	3.237 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification	940.4 m Existing pit level		

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	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,15,000 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	1.0m of topsoil will be available	
15	Mineral Waste Handled (Metric Tons/ CUM)	6,052 Tons per annum	
16	Project Cost (Rs. In Crores)	1.57 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Kattaya State Forest - 0.49 Kms (S)	
	b. Nearest Human Habitation	Goolenehalli village at 0.90 kms (NW)	
	c. Educational Institutes, Hospital	Hassan - 9.20 Kms (NE)	
	d. Water Bodies	Golenahalli Pond - 0.78 Kms (NW) Gopanahalli Pond - 1.25 Kms (N)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	--	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	5-28	
	b. Waste Dumping Area	0-03	
	c. Top Soil Storage Area	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-03	
	g. Green Belt Area/ Buffer Zone	2-00	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	9.6 KLD
		Domestic	1.125 KLD
		Other	1.4 KLD
		Total	12.125 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific	NA	

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to the project (Specify)	
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This project is taken as an additional agenda because this project is linked with Govt. Work. The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is fresh lease involving Building Stone mining in Government land. This lease has been Notified by C&I department on 18.01.2021, wherein it is mentioned that the building stone mined from this lease is utilized for improvement of NH-75 Hassan-Maranahalli, Section road.

The SEAC noted the complaint from K R Manjegowda, Hassan stating that in Sy No.1 in Yereborekaval Village & Sy. No. 20 in Goolenahalli Village Hassan Taluk, Hassan District and no Environmental Clearance to be granted due to various factors mentioned in his letter. The proponent informed about taking cognizance of the same complaint by Revenue Authorities and DMG subsequently issue of Notification by C&I department. The committee after discussion decided to continue with the appraisal of the project proposal.

The proponent has stated that he has obtained NOC from Forest and Revenue Departments and approved by the District Task Force. Notification has been issued by C&I Dept. on 18.01.2021. The proponent has stated that as per the approved quarry plan there is a level difference of 26 meters within the mining area and the proposed proved quantity of 17,95,220 Tonnes can be mined to a quarry pit depth of 22 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 500 meters connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.3.14 lakhs for construction of Rain water harvesting pits in Government Lower primary school at Yereborekaval village and Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages.

The committee observed that, as per the Cluster sketch prepared by the DMG there are 8 leases including this lease within the radius of 500 mts from this lease area. Out of which 7 leases were exempted from cluster effect in view of the fact that either the ECs were issued prior to 15.01.2016 or lease granted prior to 09.09.2013. The area of the lease under consideration is 8.00 Acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 1,21,052 tonnes, (Including waste). Considering the proved mineable reserve of 17,95,220 Tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 15 years.



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

256.54. Proposed Building Stone quarry project at Sy No. Part of Sy Nos. 113, 114, 115, 116, 117 & 118 Ragibommanahalli village,Chennarayapatna Taluk,Hassan District,Karnataka by M/s. PMPL-SRC Infra Developers Pvt. Ltd. (JV) (SEIAA 58 MIN 2021) [SIA/KA/MIN/196126/2021]

M/s. PMPL-SRC Infra Developers Pvt. Ltd. (JV)has applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry in 7-06Acres, Pattaland in Part of Sy Nos. 113, 114, 115, 116, 117 & 118 Ragibommanahalli village,Chennarayapatna Taluk,Hassan District,Karnataka.

About the Project

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	"Building Stone Quarry" of M/s. PMPL-SRC Infra Developers Pvt. Ltd. (JV), Sadashivanagar, Bangalore.
2	Name & Location of the Project	"Building Stone Quarry" of M/s. PMPL-SRC Infra Developers Pvt. Ltd. (JV), Sy Nos. 113, 114, 115, 116, 117 & 118. Ragibommanahalli village, Chennarayapatna Taluk, Hassan District, Karnataka.

3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>PNo</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>A</td><td>12°54' 28.5"</td><td>76°28' 38.5"</td></tr> <tr><td>B</td><td>12°54' 28.3"</td><td>76°28' 39.0"</td></tr> <tr><td>C</td><td>12°54' 28.1"</td><td>76°28' 39.8"</td></tr> <tr><td>D</td><td>12°54' 27.9"</td><td>76°28' 40.6"</td></tr> <tr><td>E</td><td>12°54' 27.7"</td><td>76°28' 41.1"</td></tr> <tr><td>F</td><td>12°54' 27.5"</td><td>76°28' 41.9"</td></tr> <tr><td>G</td><td>12°54' 27.3"</td><td>76°28' 42.7"</td></tr> <tr><td>H</td><td>12°54' 20.8"</td><td>76°28' 41.8"</td></tr> <tr><td>I</td><td>12°54' 20.2"</td><td>76°28' 41.4"</td></tr> <tr><td>J</td><td>12°54' 20.4"</td><td>76°28' 41.0"</td></tr> <tr><td>K</td><td>12°54' 20.5"</td><td>76°28' 41.0"</td></tr> <tr><td>L</td><td>12°54' 20.6"</td><td>76°28' 40.4"</td></tr> <tr><td>M</td><td>12°54' 20.5"</td><td>76°28' 40.3"</td></tr> <tr><td>N</td><td>12°54' 20.5"</td><td>76°28' 39.8"</td></tr> <tr><td>O</td><td>12°54' 20.6"</td><td>76°28' 39.0"</td></tr> <tr><td>P</td><td>12°54' 20.2"</td><td>76°28' 39.0"</td></tr> <tr><td>Q</td><td>12°54' 20.4"</td><td>76°28' 38.3"</td></tr> <tr><td>R</td><td>12°54' 20.5"</td><td>76°28' 37.6"</td></tr> <tr> <td colspan="3" style="text-align: center;">Map Datum: WGS 84</td> </tr> </tbody> </table>	PNo	Latitude	Longitude	A	12°54' 28.5"	76°28' 38.5"	B	12°54' 28.3"	76°28' 39.0"	C	12°54' 28.1"	76°28' 39.8"	D	12°54' 27.9"	76°28' 40.6"	E	12°54' 27.7"	76°28' 41.1"	F	12°54' 27.5"	76°28' 41.9"	G	12°54' 27.3"	76°28' 42.7"	H	12°54' 20.8"	76°28' 41.8"	I	12°54' 20.2"	76°28' 41.4"	J	12°54' 20.4"	76°28' 41.0"	K	12°54' 20.5"	76°28' 41.0"	L	12°54' 20.6"	76°28' 40.4"	M	12°54' 20.5"	76°28' 40.3"	N	12°54' 20.5"	76°28' 39.8"	O	12°54' 20.6"	76°28' 39.0"	P	12°54' 20.2"	76°28' 39.0"	Q	12°54' 20.4"	76°28' 38.3"	R	12°54' 20.5"	76°28' 37.6"	Map Datum: WGS 84		
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4	Type of Mineral	Building Stone																																																												
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6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta land																																																												
7	Whether the project site fall within ESZ/ESA	No																																																												
8	Area in Ha	2.892 Ha																																																												
9	Actual Depth of sand in the lease area in case of River sand	NA																																																												
10	Depth of Sand proposed to be removed	Building Stone Quarry																																																												

11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,000 tons for first year, 7,50,000 for second year & 7,00,000 for third year for the 3 years of plan period
14	Quantity of Topsoil/Over burden in cubic meter	8 m of Topsoil & overburden will be proposed to handle in the license area which will be used for mud bund and plantation purpose
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	26,316 tons per annum
16	Project Cost (Rs. In Crores)	1.99crores
17	Environmental Sensitivity	
	a. Nearest Forest	Gaudagere Reserved Forest - 1.60 Kms (NE)
	b. Nearest Human Habitation	Ramachandrapura Village - 0.65 Kms (SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Shravanabelagola - 5.30 Kms (S)
	d. Water Bodies	Manchenahalli Pond - 1.53 kms (SW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	5-06
	b. Waste Dumping Area	0-02
	c. Mineral Storage Area	0-04
	d. Infrastructure Area	
	e. Top Soil Yard	
	f. Road Area	0-02
	g. Buffer Zone	1-32
	h. Unexplored area	--

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	g.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.05 KLD
			Domestic	1.44 KLD
			Other	1.2 KLD
			Total	12.69 KLD
23		Storm water management plan	<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

This project is taken as an additional agenda because this project is linked with Govt. Work. The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is fresh lease involving Building Stone mining in Government land. This lease has been notified on 27.01.2021. The proponent has stated that he will utilize the building stone mined from this lease for upgradation of NH-48 Channarayapatna-Hassan Section Road.

The proponent has stated that he has obtained NOC from Forest and Revenue Departments. The proponent has stated that as per the approved quarry plan there is a level difference of 9 meters within the mining area and the proposed proved quantity of 17,53,067 Tonnes (Including Waste) can be mined to a quarry pit depth of 45 meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 400 meter connecting lease area to the all weather black topped road. As far as CER is concerned the proponent has stated, that he will earmark Rs.3.98lakh to construct Rain water harvesting pits in Government Lower primary school at Yereborekaval village and for Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages and Solar Power Panels in GLPS school at Ragibommanahalli Village.

The committee observed that, as per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The lease under consideration is 7-06 Acres and which being less than the threshold limit of 5 Ha, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

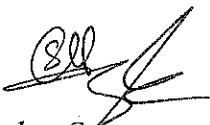
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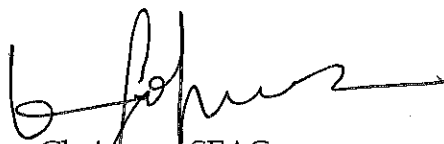
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The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance with the following conditions for an annual average production of 5,26,316 tonnes, (Including waste). Considering the proved mineable reserve of 17,53,067 Tonnes (Including Waste), as per the approved quarry plan, the committee estimated the life of the mine as 4 years.

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

The meeting concluded with vote of thanks to all.


Member Secretary, SEAC
Karnataka *IE.*


Chairman, SEAC
Karnataka