Proceedings of the 327th SEAC Meeting held on 29th March– 2025

Members present in the meeting

1.	Shri Mahesh A.N.	Chairman
2.	Shri Ravi Kumar Yadav,	Member
3.	Dr. Balakrishna S,	Member
4.	Shri Shivappa Naik,	Member
5.	Shri K H Nagaraj,	Member
6.	Shri Sadiq Ahmed,	Member
7.	Dr. Sangamesh Kolliyavar,	Member
8.	Shri Dhruva Kumara B Y,	Member
9.	Dr. C T Puttaswamy	Member Secretary

327.2.1 Manufacturing of Resin Project at Badanaguppe- Kellamballi Industrial Area, Chamrajanagar District by M/s. Savitri Plyboard India Pvt. Ltd. – Online Proposal No.SIA/KA/IND3/491683/2024 (SEIAA 07 IND 2024)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name of the project proponent:	M/s Savitri Plyboard India Pvt. Ltd.
2	Name & Location of the project:	M/s Savitri Plyboard India Private Limited Plot No. 17 of Badanaguppe- Kellamballi Industrial Area, Chamrajanagar District
3	New/expansion/modification/product mix change:	New
4	Plot Area	60763.95 sqm
5	Built Up Area	31757.46 sqm
6	Project Cost	56.1 Crores
7	Green Belt Coverage - % of total area	20,052.10 sqm (33%),
8	Component of development and product & by-product details with quantity.	**Sl.No / Name of the product / Quantity** 1 / Phenol Formaldehyde Resin / 30500 (MTA) 2 / Melamine Formaldehyde Resins 3 / Melamine Urea Formaldehyde (MUF) resin 4 / Manufacture of Veneer / 50,000 (Cubic meter/annum) 5 / Manufacture of Plywood sheets / 50,000 (Cubic meter/annum)
9	Source of water -operational phase:	KIADB
10	Total Water Requirement (Domestic + Industrial) in KLD	67.635 KLD
11	Fresh Water in KLD Recycled water in KLD	67.635 KLD
12	Total waste water generation in KLD	26.1 KLD
13	Total effluents generation in KLD	1.51 KLD

Sl.No	Particulars	Information Provided by PP
14	Scheme of disposal of excess treated water	Effluent will be treated in primary ETP and then treated in CSTP and used for utility purpose
15	ETP Capacity	2 KLD (Primary ETP)
16	STP Capacity	50 KLD CSTP
17	Solid Waste/other waste generated and its disposal.	**Solid waste Details**

Sl. No	Type of waste	Quantity (MTA)	Method of handling/disposal
1	Wooden Chips	10000	Used as fuel in TFH
2	TFH Ash	7.5000	Sent to brick manufacturing unit/ used for filling of land
3	Canteen waste	1.5000	Dried and used as manure for gardening after composting
4	STP Sludge	0.3000	Dried and used as manure for gardening
5	Organic waste	16.6	Dried in OWC and used as manure
6	Inorganic waste	11.1	Send to authorized recyclers

18	Hazardous Waste quantity and its disposal	**Hazardous Waste Details**

Sl.	Type	Category	Quantity	Units	Method of Disposal
1	Empty barrels/containers/liners contaminated with hazardous chemicals /Wastes	33.1	50	No.	Empty barrels will be stacked at site as there will be generation of thermic fluid oil of more than 100 Kilo litres.
2	Contaminated cotton rags or cleaning materials	33.2	0.12	MT /A	Taken away by DG service Provider.
3	Used spent oil	5.1	1	KL/ A	Used oil will be reused within the facility for lubrication

Sl.No	Particulars	Information Provided by PP					
							sawmills and other machines
		4	Oil Filter	5.2	4	No.	Taken away by DG service Provider.
19	CER Activities	Proposed for by the proponent for Construction of Rain water recharge pond in Budanaguppe Village, Planting of trees in Government Primary School Panyadahundiand Installation of solar panels.					
20	EMP Details	EMP Capitalcost of 250 lakhs is allocated for environmental pollution control measures. CER cost of 20 Lakhs					

The proposal was earlier considered in 318th SEAC meeting and as the Proponent remained absent, the Committee had deferred the proposal.

In the present meeting, the Committee initially sought clarification regarding the ongoing activities seen as per KML. The Proponent informed the Committee that earlier they had obtained Consent for Establishment (CFE) from the Karnataka State Pollution Control Board (KSPCB) under the orange category for the manufacturing of plywood on 27/03/2023 and is valid until 20/03/2028 and further had obtained plan approval for BUA of 31757.46 sqm from the Karnataka Industrial Areas Development Board (KIADB) on 17/10/2023, which was well before the Kerala High Court Stay Order dated 06.03.2024. Recently, the Ministry of Environment, Forest and Climate Change (MoEF&CC) issued an Office Memorandum (OM) 30/01/2025 with reference to MoEF&CC Notification dated 29.01.2025, exempting industrial shed, school, college, hostel for educational institution, but such buildings shall ensure sustainable environmental management, etc. and presently on 24.02.2025, the Hon'ble SC has stayed the Notification dated 29.01.2025. The Proponent considering the CFE and approved plans were before the Kerala Hight Court Stay Order, requested the Committee to consider the existing construction under the provisions of MoEF&CC Notification dated 22.12.2014. The Committee noted the clarification and appraised the proposal.

The Proponent informed that the proposal is for manufacturing for 15,000 MTA Phenol Formaldehyde resin, 5500 MTA of Melamine Formaldehyde resins and 10,000 MTA of Melamine urea formaldehyde resin, forwhich SEAC had issued ToR on 27.06.2024. Proponent informed that the existing industry was established in an KIADB industrial area, PH is exempted as per EIA Notification.

The Proponent informed the Committee about the product and its capacity as below,

Details of Products

Sl. No	Name of the product	Existing –as per CFE vide consent order no. CTE- 337102, dated 27/03/2023	Proposed for Environmental clearance	Remarks
1.	Phenol Formaldehyde Resin	-	15000 MTA	Product fall

2.	Melamine Formaldehyde Resins	-	5500 MTA	under the ambit of EC
3.	Melamine Urea Formaldehyde (MUF) resin	-	10000 MTA	
4.	Manufacture of Veneer	50000 Cubic meter/annum	50000 Cubic meter/annum	Product do not fall under the ambit of EC
5.	Manufacture of Plywood sheets	50000 Cubic meter/annum	50000 Cubic meter/annum	

Details of Pollution Load from the process

Proposed Water Requirement and Wastewater Generation with Segregation					
	Input (KLD)		Output (KLD)		Final disposal of treated effluent
Description	Water in KLD	Recycled water in KLD	Evaporation / Loss/with product in KLD	Total wastewater in KLD	
Process	25	-	-	-	Treated in primary ETP and further sent to Combined Sewage Treatment Plant (CSTP) of 50 KLD.
Washing	0.01	-	-	0.01	
Cooling tower	10	-	-	1.5	
Domestic	32.625	-	1.552	26.1	Domestic effluent is treated in CSTP of 50 KLD.
Green belt development	-	-	-	-	CSTP treated water is used for gardening.
Total	67.635	-	1.552	27.61	

DETAILS OF AIR EMISSION FROM SOURCE AND CONTROL MEASURES

Sl No	Chimney Attached	Capacity	Fuel	Quantity	Chimney Height	Air Pollution Control Unit	Parameters
1	DG set	1010 KVA 2no	HSD	2 KL/Month	22 m AGL	Acoustic enclosure and catalytic converter	PM10, PM2.5, SO2, NOx, CO
2	Thermic Fluid Heater	10 million kcal/hr of 2 no.	Wood	4500 TPM	30 m AGL	Electro Static Precipitator	PM10, PM2.5, SO2, NOx, CO
3	Driers	NA	NA	NA	NA		
4	Fugitive Emission					Industrial exhaust	VOC's

The Proponent had collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponentcommitted to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project

and agreed to comply with the statutory guidelines for the proposed construction/operation and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.The Committee noted that the baseline parameters arefound to be within permissible limits.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. The company shall comply with all the environmental protection measures and safeguardsproposed in the documents submitted to the Ministry. All the recommendations made in theEIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
2. NOC from the Concerned Authority shall be obtained before start of the construction of plantand drawing water from ground water source. State Pollution Control Board shall not issuethe Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water(Prevention and Control of Pollution) Act till the project proponent shall obtain suchpermission.
3. Effluent generation shall not exceed 1.51 KLD. Effluent shall be treated in the ETPcomprising primary, secondary and tertiary treatment namely RO and treated water shall bere-used in the scrubber. RO rejects shall be concentrated in MEE. Domestic wastewater of 20 KLD shall be treated in the STP and treated wastewater shall be recycled/reused forhorticulture purpose.
4. Fugitive emissions in the work zone environment, product, raw materials storage area etc.shall be regularly monitored. The emissions shall conform to the limits imposed by SPCB.
5. The green belt has been developed in 20,052.1 Sqmtrs (minimum 33.0%) with tree density @ 2500 treesper hectares), mainly along the plant periphery. Indigenous species shall only be developedas part of greenbelt and non-indigenous / alien species shall be replaced with native species.No invasive or alien or non-native tree species shall be selected for plantation. PP shalldevelop at least 20 variety of species as a part of greenbelt. Selection of plant species shallbe as per the CPCB guidelines in consultation with the State Forest Department and nativespecies shall be developed. The budget earmarked for the plantation shall be kept in a separateaccount and should be audited annually. The PP shall annually submit the audited statementalong with proof of activities viz. photographs (before & after with geo-location date & time),details of expert agency engaged, details of species planted, number of species planted,survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st Julyof every year for the activities carried out during previous year.
6. A separate Environmental Management Cell (having qualified persons with EnvironmentalScience/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management andMonitoring functions by engaging Environment Officials. In addition to this, one safety &health officer as per the qualification given in Factories Act, 1948 shall be engaged within amonth of grant of EC. The PP should annually submit the audited statement of amount spenttowards the engagement of qualified persons in EMC along with details of person engagedto the Regional Office of MoEF&CC before 1st July of every year for the activities carriedout during the previous year.
7. The company shall comply with all the environmental protection measures and safeguardsproposed in the documents submitted to the SEAC/SEIAA. All the recommendations made in theEIA/EMP in respect of environmental management, and risk mitigation measures relating tothe project shall be implemented. The budget proposed under existing/proposed EMP ₹. 561 Lakhs (Capital cost) and ₹ 10.1 Lakhs per Annum (Recurring cost)] shall be kept in a separateaccount and should be audited annually. The PP should submit the annual audited statementalong with proof of implementation of activities proposed under EMP duly supported byphotographs (before & after with geo-location date & time) and other document as applicableto the Regional Office of MoEF&CC before 1st July of every year for the activities carriedout during the previous year.
8. All the hazardous waste shall be managed and disposed as per the HWM Rules 2016.Hazardous waste such as ETP sludge shall be either sent to TSDF. Spent catalyst shall be sentto Authorized recyclers. Municipal solid waste shall be segregated into dry and wet garbageat site in accordance to the Solid Waste Management Rules, 2016. Biodegradable wet waste shall beconverted into compost and used as manure for greenbelt development.
9. The PP shall utilize modern technologies for capturing of carbon emitted and shall alsodevelop carbon sink/carbon sequestration resources capable of capturing more than emitted.The implementation report shall be submitted to the IRO, MoEF&CC in this regard.

10. The project proponent shall comply with the environment norms for 'synthetic organicchemicals' as notified by the Ministry of Environment, Forest and Climate Change, vide GSR608 (E), dated 21st July, 2010 under the provisions of the Environment (Protection) Rules,1986.
11. All necessary precautions shall be taken to avoid accidents and action plan shall beimplemented for avoiding accidents. The PP shall implement the onsite/offsite emergencyplan/mock drill etc. and mitigation measures as prescribed under the rules and guidelinesissued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules,1989, as amended time to time, and the Chemical Accidents (Emergency Planning,Preparedness and Response) Rules, 1996. The occupier of new as well as expansion projectsshall be required to comply with the provisions of the MSHIC Rules, 1989 including notifyingtheir activities or seeking site approval from the concerned authorities, to address operationalsafety aspects. In doing so, various schedule, particularly Schedule-5 of the said rules maybe referred.
12. The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 %with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.
13. The storage of toxic/hazardous raw material shall be bare minimum with respect to quantityand inventory. Quantity and days of storage shall be submitted to the Regional Office ofMinistry and SPCB along with the compliance report.
14. The occupational health centre for surveillance of the worker's health shall be set up. Thehealth data shall be used in deploying the duties of the workers. All workers & employeesshall be provided with required safety kits/mask for personal protection.
15. Training shall be imparted to all employees on safety and health aspects for handlingchemicals. Safety and visual reality training shall be provided to employees. Action plan formitigation measures shall be properly implemented based on the safety and risk assessmentstudies.
16. The storm water from the roof top shall be channelized through pipes to the storage tankconstructed for harvesting of rain water in the premises and harvested water shall be used forvarious industrial processes in the unit. No recharge shall be permitted within the premises.Process effluent/ any wastewater shall not be allowed to mix with storm water.
17. There shall be adequate space inside the plant premises earmarked for parking of vehicles forraw materials and finished products and no parking to be allowed outside on public places.
18. Storage of raw materials shall be either in silos or in covered areas to prevent dust pollutionand other fugitive emissions. All stockpiles should be constructed over impervious soil andgarland drains with catch pits to trap runoff material shall be provided. Chemicals shall bestored in covered sheds and wind breaking walls/curtains shall be provided around biomassstorage area to prevent its suspension during high wind speed. All Internal roads shall bepaved. The Air Pollution Control System shall be interlocked with process plant/machineryfor shutdown in case of operational failure of Air Pollution Control Equipment.
19. PP shall sensitize and create awareness among the people working within the project area aswell as its surrounding area on the ban of Single Use Plastic in order to ensure the complianceof Notification published by MOEFCC on 12th August, 2021. A report along withphotographs on the measures taken shall also be included in the six-monthly compliancereport being submitted to concerned authority.
20. The activities and the action plan proposed by the project proponent to address the issuesraised during the public hearing as well as the related socio-economic issues in the study areashall be completed as per the schedule presented before the Committee and as described inthe EIA report in letter and spirit.
21. Safety training shall be given to all workers specific to their work area and everyworker and employee will be engaged in fire hazard awareness training and mockdrills which will be conducted regularly. All standard safety and occupational hazardmeasures shall be implemented and monitored by the concerned officials to preventthe occurrence of untoward incidents/ accidents.

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

327.2.2 Validity Extension of Building Stone (M-Sand) Quarry Project at Khanapete Village, Ramadurga Taluk, Belagavi District (5-00 Acres) by Smt. Akkamahadevi R Agadi – Online Proposal No.SIA/KA/MIN/514396/2025 (SEIAA 326 MIN 2019)

About the project:

<table>
<tr><th>Sl.No</th><th>Particulars</th><th>Information Provided by PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Smt. Akkamahadevi R Agadi</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Validity Extension of Building Stone (M-Sand) Quarry Project at Sy.Nos.293/1 & 293/2 of Khanapete Village, Ramadurga Taluk, Belagavi District (5-00 Acres)
<table>
<tr><th>Latitude (Global)</th><th>Longitude (Global)</th></tr>
<tr><td>15°57'4.9020"N</td><td>75°12'21.5033"E</td></tr>
<tr><td>15°57'6.7012"N</td><td>75°12'26.3020"E</td></tr>
<tr><td>15°57'9.4013"N</td><td>75°12'28.2041"E</td></tr>
<tr><td>15°57'10.0014"N</td><td>75°12'24.4062"E</td></tr>
<tr><td>15°57'9.6015"N</td><td>75°12'22.7011"E</td></tr>
<tr><td>15°57'7.2016"N</td><td>75°12'20.8024"E</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New/Expansion/Modification/ Renewal</td><td>Extension of Validity E.C.</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/ Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>5-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton/Cum) Per Annum</td><td>84,888 Tons/annum (including waste)</td></tr>
<tr><td>8</td><td>Proved Quantity of mine/Quarry-Cu.m/Ton</td><td>11,54,160 Tones (including waste)</td></tr>
<tr><td>9</td><td>Permitted Quantity Per Annum Cu.m/Ton</td><td>80,644 Tones / Annum (excluding waste)</td></tr>
<tr><td>10</td><td colspan="2">CER activities:-
<table>
<tr><th>Year</th><th>CER</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GHPS at Khanapete Village, Ramadurga Taluk, Belagavi District</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to GHPS at Khanapete Village, Ramadurga Taluk, Belagavi District</td></tr>
<tr><td>3rd</td><td>Conducting E-waste drive campaigns in the Khanapete Village, Ramadurga Taluk, Belagavi District</td></tr>
<tr><td>4th</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td></tr>
<tr><td>5th</td><td>Health camp to the GHPS at Khanapete Village, Ramadurga Taluk, Belagavi District</td></tr>
</table></td></tr>
<tr><td>11</td><td>Forest NoC</td><td>01.08.2018</td></tr>
<tr><td>12</td><td>Audit Report</td><td>22.06.2024</td></tr>
<tr><td>13</td><td>AQP</td><td>08.11.2024</td></tr>
</table>

The proposal is for extension of validity for the EC issued earlier by SEIAA on 04.09.2019 for a period of 5 years. The Proponent has submitted audit report till 2023-24 certified by DMG vide letter date 22.06.2024 and a copy of recently issued self certified compliance report regarding complying with all the EC conditions and requested the Committee to issue validity extension.

The Committee as per the approved quarry plan considering the proved mineable reserve of 11,54,160 Tonns (including waste) estimated the life of mine to be 14 years by considering maximum annual production of 84,888tonns/annum (including waste).

The Committee as per the provision in MOEF&CC OM dated 13.12.2022, after discussion decided to recommend the proposal to SEIAA to grant extension of validity of EC for 30 years from 04.09.2019 or till the validity of lease which ever is earlier, with all other conditions remaining same as per the EC issued by SEIAA on 04.09.2019, with following consideration,

1. To grow trees all along the approach road & buffer zone during the first year of operation.
2. To carry out regular health checkup for the workers in the nearby Hospital.
3. To provide metal sheet berricade to an height of minimum 3 mtrs around the working area.
4. To take necessary measures to arrest noise and vibration from the quarry area.
5. To maintain buffer all round the lease area.

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

327.2.3 Building Stone / M-Sand Quarry Project at Makenahalli Village, Sompura Hobli, Nelamangala Taluk, Bangalore Rural District (06-17 Acres) by M/s. Nanjundappa Constructions – Online Proposal No.SIA/KA/MIN/521489/2025 (SEIAA 106 MIN 2025)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	M/s. Nanjundappa Constructions
2	Name & Location of the Project	Building Stone / M-Sand Quarry Project at Sy.No.47 of Makenahalli Village, Sompura Hobli, Nelamangala Taluk, Bangalore Rural District (06-17 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Government
6	Area in Acres	06-17 Acres
7	Annual Production (Metric Ton/Cum) Per Annum	1,02,041 Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.65 Crores (Rs.165 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	30,62,351Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/ Ton	1,00,000Tonnes/annum (excluding waste)

Longitude	Latitude
77°13'56.8000"E	13°18'25.0689"N
77°13'56.8000"E	13°18'20.4000"N
77°13'57.0000"E	13°18'20.3000"N
77°13'56.9561"E	13°18'19.6422"N
77°13'54.7000"E	13°18'19.7000"N

11	CER Activities:	

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

12	EMP Budget	Rs. 62.88 lakhs (Capital Cost) & Rs. 8.14 lakhs (Recurring cost)
13	Forest NOC	28.05.2024
14	Quarry plan	28.01.2025
15	Cluster certificate	28.01.2025
16	Notification	18.01.2025
17	Revenue	12.09.2024

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a government land and was recently notified for Proponent and no working has been carried out by Proponent. The Committee noted the clarification given by the Proponent.

As per the cluster sketch there are 17 leases in radius of 500 mtr from the said lease out of which 14 leases are exempted as EC were issued prior to 15.01.2016 and 3 leases are non homogeneousand as the proposed area is 6-17 Acres, the project is categorized as B2.

There is an existing cart track road to a length of 990 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 30,62,351Tonns (including waste) and estimated the life of mine to be 30 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,02,041 Tonns/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.

3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.4 EIA - Building Stone Quarry Project at Thirthakunde Village, Khanapura Taluk & Belagavi District (5.00 Acres 3 Gunta) (2.05 Ha) by Sri Adithya Anant Savant– Online Proposal No.SIA/KA/MIN/523962/2025 (SEIAA 430 MIN 2023)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	Sri Adithya Anant Savant
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.200/3 of Thirthakunde Village, Khanapura Taluk & Belagavi District (5.00 Acres 3 Gunta) (2.05 Ha) **Longitude** / **Latitude** E-74° 25' 36.5510" / N-15° 43' 56.5304" E-74° 25' 31.8607" / N-15° 43' 57.6901" E-74° 25' 34.1709" / N-15° 44' 01.7305" E-74° 25' 39.3103" / N-15° 44' 00.2515"
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta
6	Area in Acres	5.00 Acres 3 Guntas
7	Annual Production (Metric Ton/Cum) Per Annum	92,664 Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.25 Crore (Rs.250 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	14,97,600 Tonnes (including waste)

10	Permitted Quantity Per Annum-Cu.m/ Ton	90,811Tonnes/annum (excluding waste)
11	CER Activities: Propose take up 600 No. of additional plantation on either side of the approach road from quarry location to ThirthakundeVillage Road and Govt. School.	
12	EMP Budget	Rs. 44.25 lakhs (Capital Cost) & Rs. 14.20 lakhs (Recurring cost)
13	Forest NOC	13.09.2022
14	Quarry plan	14.08.2023
15	Cluster certificate	05.09.2023
16	Notification	08.08.2023
17	Revenue	40.06.2022

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee no mining has been carried out by Proponent till date. The Committee noted the clarification of Proponent as per KML and appraised the project.

For the present proposal, SEIAA had issued combined ToR on 02.09.2024 and public hearing was conducted on 03.01.2025, where opinion/requests of nine people had been recorded in public hearing report.

Considering the existing cart track road to a length of 1600 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 14,97,600 Tonnes (including waste) and estimated the life of mine to be 17 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 92,664 Tonnes/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species

to be planted in the first year of operation and maintained by providing the tree guard and regular watering.

5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.5 Building Stone (M-Sand) Quarry Project at Ranakunde Village, Belagavi Taluk & District (9-00 Acres) by Sri Anant K Savant – Online Proposal No.SIA/KA/MIN/524059/2025 (SEIAA 431 MIN 2023)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	Sri Anant K Savant
2	Name & Location of the Project	Building Stone (M-Sand) Quarry Project at Sy.Nos.122/2, 122/3 & 122/4(P) of Ranakunde Village, Belagavi Taluk & District(9-00 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta
6	Area in Acres	9-00 Acres
7	Annual Production (Metric Ton/Cum) Per Annum	1,53,192Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crore (Rs.100 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	33,23,736Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/ Ton	1,50,128Tonnes/annum (excluding waste)
11	CER Activities:	

Longitude	Latitude
E-74° 25' 47.2994"	N-15° 44' 55.6999"
E-74° 25' 41.0991"	N-15° 44' 53.9001"
E-74° 25' 40.2016"	N-15° 44' 51.1001"
E-74° 25' 41.699"	N-15° 44' 51.6013"
E-74° 25' 40.0989"	N-15° 44' 46.7005"
E-74° 25' 44.8999"	N-15° 44' 47.2985"

	Year	**Location**
	1st	Avenue plantation on both sides between Ranakunde to Theerthakunde village (2.5 km)-1666 plants @ spacing 5 X 3 m
	2nd	Rejuvenation of Kinaye small dam catchment area for 1.0 Ha
12	EMP Budget	Rs. 2.92 lakhs (Capital Cost) & Rs. 2.70 lakhs (Recurring cost)
13	Forest NOC	22.03.2022
14	Quarry plan	14.08.2023
15	Cluster certificate	04.09.2023
16	Notification	08.08.2022
17	Revenue	18.09.2021

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that as per DMG letter dated 11.06.2024, there is no mining and dispatch of mineral and Proponent justified that no working has been carried out. The Committee noted the clarification given by the Proponent.

For the present proposal, SEIAA had issued ToR on 30.08.2024 and public hearing was conducted on 17.01.2025, where opinion/requests of six people had been recorded in public hearing report.

Considering the existing cart track road to a length of 1,100 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 33,23,736 Tonns (including waste) and estimated the life of mine to be 22 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,192 Tonns/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.

4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.6 Corrigendum - Design Modification of Residential Towers with Civic amenities Project at Plot No. R-09-C (Hardware Park Housing Sector) Hitech, Defense & Aerospace Park, KIADB Bagalur Village, Jala Hobli, Bangalore North Yelahanka Taluk, Bengaluru Urban District by M/s. Max Global Developers – Online Proposal No.SIA/KA/INFRA2/524635/2025 (SEIAA 152 CON 2023)

The proposal is for issue of corrigendum to EC issued by SEIAA on 10.11.2023, for BUA of 49,370.76Sqm in plot area of 9,107.70Sqm. The Proponent requested to issue the follwing corrigendum to the existing EC for including 354 units,

Particular	Details as per obtained EC dated 10.11.2023	Details as per proposed Corrigendum
Residential Units	Total Nos. of units 1 BHK: 100 2 BHK: 185 2.5 BHK: 36 3 BHK: 33	Total Nos. of 354 units

The Committee noted the changes requested by Proponent for the corrigendum and after discussion decided to recommend the proposal to SEIAA for issue of corrigendumto EC with a condition that and all other conditions remain same and unchanged for the EC issued by SEIAA on 10.11.2023.

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

327.2.7 Ordinary Building Stone Quarry Project at Kodni Village, Nippani Taluk, Belagavi District ((3-00 Acres (1.214 Ha)) by Sri Vilas L. Gadiwaddar – Online Proposal No.SIA/KA/MIN/495156/2025 (SEIAA 64 MIN 2025)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	Sri Vilas L.Gadiwaddar
2	Name & Location of the Project	Ordinary Building Stone Quarry Project at Sy.Nos.267/2 & 267/3 of Kodni Village, Nippani Taluk. Belagavi District ((3-00 Acres (1.214 Ha))

B P No.	Latitude	Longitude
A	N 16° 24' 16.49676"	E 74° 20' 31.76985"
B	N 16° 24' 16.68172"	E 74° 20' 33.14097"
C	N 16° 24' 16.92333"	E 74° 20' 33.10020"
D	N 16° 24' 17.01175"	E 74° 20' 34.49865"
E	N 16° 24'14.61057"	E 74° 20'34.65842"
F	N 16° 24'12.76782"	E 74° 20'35.22780"
G	N 16° 24'11.87486"	E 74° 20'32.12694"

3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta
6	Area in Acres	3-00 Acres (1.214 Ha)
7	Annual Production (Metric Ton/Cum) Per Annum	52,632 Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs.25 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	6,49,196Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/ Ton	50,000Tonnes/annum (excluding waste)
11	CER Activities: Propose take up 600 No. of additional plantation on either side of the approach road from quarry location to KodniVillage Road and Govt. School.	
12	EMP Budget	Rs. 35.19 lakhs (Capital Cost) & Rs. 14.01 lakhs (Recurring cost)
13	Forest NOC	17.09.2022
14	Quarry plan	28.11.2023
15	Cluster certificate	04.04.2024
16	Notification	12.09.2023
17	Revenue	03.09.2022

The proposal was earlier considered in 326th SEAC meeting, as the Proponent remained absent, the Committee had deferred the Proposal.

In the present meeting, the Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the as per DMG letter dated 23.09.2024 and informed that they had not carried out any mining activities. The Committee noted the clarification given by the Proponent, but the Committee after discussion and with reference to the google timeline images categorized the proposal as violation of EC and decided to forward the proposal to SEIAA for rejection.

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

327.2.8 Ordinary Sand Mining Project at Kolenahalli Village, Davanagere Taluk & District (6-02 Acres) by Sri Syedrafic – Online Proposal No.SIA/KA/MIN/514284/2025 (SEIAA 58 MIN 2025)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	Sri Syedrafic
2	Name & Location of the Project	Ordinary Sand Mining Project at Sy.Nos.33/1B & 33/2B of Kolenahalli Village, Davanagere Taluk & District (6-02 Acres)
3	Type Of Mineral	Ordinary Sand Mining Project
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private / Patta, Other]	Patta
6	Area in Acres	6-02 Acres
7	Annual Production (Metric Ton/Cum) Per Annum	20,036Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.60 Crores (Rs. 60 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/ Ton	1,00,181Tonnes (including waste)
10	Permitted Quantity Per Annum -Cu.m / Ton	20,036Tonnes/annum(including waste)
11	CER Activities: Propose take up 800 No. of additional plantation on either side of the approach road from quarry location to KolenahalliVillage Road and Govt. School.	
12	EMP Budget	Rs. 18.70 lakhs (Capital Cost) & Rs. 4.50 lakhs (Recurring cost)
13	Forest NOC	13.02.2024
14	Quarry plan	21.11.2024 / 25.11.2024
15	Cluster Certificate	02.12.2024
16	C & I Notification	25.10.2024
17	Revenue	12.01.2024

Latitude	Longitude
N 14° 20' 53.3016"	E 75° 51' 56.7576"
N 14° 20' 53.6872"	E 75° 51' 53.8332"
N 14° 21' 00.5004"	E 75° 52' 02.7804"
N 14° 21' 01.0800"	E 75° 52' 04.8300"
N 14° 20' 54.3300"	E 75° 51' 58.4436"
N 14° 20' 53.1036"	E 75° 51' 57.2112"
N 14° 20' 55.4784"	E 75° 51' 56.3760"

The proposal was considered in 326th SEAC meeting and the Committee had deferred the proposal informing the following,

"The Committee sought clarification with respect to the present site condition and details of river/drainbased on the KML submitted by Proponent. The Proponent informed the Committee that the proposed areais untouched and no mining has been carried out by Proponent and regarding river/drain in eastem side,Proponent based on the notification sketch justified that the river is at a distance of minimum sQmtrs to theapplied lease area. But the Committee considering the KML polygon submitted by Proponent, observedthat the part ofproposed lease area was appearing to be within sOmtrs to the river/drain.Hence, the Committee after discussion decided to defer the proposal and informed the Proponent toget clarification from DMG for lease area as per Notification sketch and present site condition and whetherthe proposed lease can be permitted considering the existing position ofriver/drain."

In the present meeting, the submitted clarification from DMG vide letter dated 17.03.2025, where in it was mentioned that the proposed lease point D is at 54mtrs and point F is at 50.6mtr as per revenue documents. The Committee noted the details informed by Proponent, but the Committee considering the definition of existing river as per KMMCR, 1994, under Rule 31-Z, which states that,

"Existing river" means, the pat of present flow of a river as ascertained from satellite or Google imageries.

The Committee considering the above definition and after discussion decided to defer the proposal in want of clarification from DMG regarding the same and to verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.9 Residential Tower with Civic Amenities Project at Doddakannalli Village, Varthuru Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Max Global Developers – Online Proposal No.SIA/KA/INFRA2/449857/2023 (SEIAA 64 CON 2025)

About the project:

Sl.No.	Particulars	Information provided by Proponent.
1	Name & Address of the Project Proponent	Name: Mr. R S Vinay Kumar Reddy (Chief - Finance & Accounts) Address: #444, Grand, 3rd Floor, 16th Cross, 5th Main, HSR Layout, Sector-6, Bangalore- 560102
2	Name & Location of the Project	Name:Development of a Residential Tower with Civic Amenities Location:Sy No.35/1 and 35/2 of Doddakannalli Village, Varthuru Hobli, Bangalore South Taluk, Bengaluru Urban District - 560035
3	**Type of Development**	
a.	Residential Apartment/Villas/Row Houses/Vertical Development/ Office /IT/ITES/Mall/Hotel/Hospital/other	New project of Category 8(a) Residential Building and Construction Projects as per EIA Notification, 2006
b.	Residential Township / Area Development Projects	Not applicable
c.	Classification as per Zoning Authority	Residential as per BDA
4	New/Expansion/Modification/Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	A small nala passes to the north of the project site. 3 m buffer will be left on either side.
6	**Plot Area (Sqm)**	11,634.55 sq.m.* 303.51 sq.m of 11,634.55 sq.m.is kharab land. Thus land available for development is 11,331.04 sq.m.
7	**Built-up area (Sqm)**	40,821.50
8	**FAR** • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	 3.00(35,539.8Sqm) 2.64(29,890.74Sqm)
2.	**Building Configuration**[Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Single Residential Apartment: 3 Basements + Ground Floor + 23 Floors + Terrace Floor

10	**Number of units / plots** (in case of Construction / Residential Township /Area Development Projects.)	175 Nos. with a Club House		
11	**Height Clearance**	HAL noc dated 06.03.2025 for 77.61mtr proposed height is 75.99mtr		
12	**Project Cost** (Rs. In Crores)	Rs. 125 Cr.		
13	**Quantity of excavated earth& its Management Plan**	Total Excavated quantity of approx. 48,260 cu.m will be generated. Out of that approx. 18,890 cu.m will be reused i.e. 13,650 cu.mfor refilling of column footing and basement; 4,500 cu.m for refilling of green areaand740 cu.m for road levelling. Excess earth quantity of approx. 29,370 cu.m will be used for making soil cement blocks (in-situ). Top soil will be stored for gardening.		
14	**Details of Land Use (Sqm)**			
a.	Ground Coverage Area	1,119.46 sq.m (9.88%)		
b.	Kharab Land	303.51 sq.m		
c.	Total Green belt on Mother Earth	1429.09 sq.m (12.61%)		
d.	Internal Roads	3,674.89 (32.44%)		
e.	Paved area			
f.	Others Specify	Area left for Road widening - 193.01 sq.m (1.70%) Proposed Road Area as per RMP 2015 - 3,253.53 sq.m (28.71%) Area covered by shallow pond - 1661.06 sq.m (14.66%) Net Site Area for development -11,331.04 sq.m (100%)		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	**Total**	11,634.55 sq.m		
15	**WATER**			
I.	**Construction Phase**			
a.	Source of water	Water tankers		
b.	Quantity of water for Construction in KLD	45		
c.	Quantity of water for Domestic Purpose in KLD	5		
d.	Waste water generation in KLD	4		
e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours are provided and disposed off in the mobile STP.		
II.	**Operation Phase**			
a.	Total Requirement of Water in KLD	Fresh Water	104	
		Treated/flushing Water	70	
		Total Water	174	
b.	Source of water	BWSSB Supply		
c.	Wastewater generation in KLD	131		
d.	STP capacity and Area required	145 kld		
e.	Technology employed for Treatment	SBR Technology		
f.	Scheme of disposal of excess treated water if any	Excess treated water of approx. 54 kld will be given to other Construction site.		

16	**Infrastructure for Rain Water harvesting.**		
	a.	Capacity of sump /tank /pond to store Roof & Hardscape /soft scape run off	One Tank of 60 cum capacity
	b.	Nos of Ground water recharge pits	12 RWH recharge pits
17	**Storm water management plan**		To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.
18	**Waste Management**		
	I.	**Construction Phase:**	
	a.	Quantity of Construction & Demolition waster and its management.	• Demolition waste: NIL • Construction waste (Approx. 170 cu.m/day) - Shall be segregated and reused within the Project site (Proper facility for storage of construction wastes will be made at Project site).
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	• Domestic Waste (10 kg/day) – Biodegradable waste will be composted and/or shall be sent to MSW site. • Plastic waste – to be sold to recyclers.
	II.	**Operation Phase:**	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	Quantity: 250 kg/day Mode of Disposal: Shall be composted in an Organic Waste Convertor (OWC) depending up on the requirement for horticulture and will be sent to Common MSW Management Facility Capacity of facility: 1 x 300 kg/8 hr capacity of OWC Area required: For, 300 kg of OWC: 15 sq.m
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	Quantity: 250 kg/day including 200 kg/day of Non-biodegradable waste and 50 kg/day of inert waste Mode of Disposal: Recyclable waste shall be sold to recyclers. Other non-biodegradable and inert waste will be sent to Common Solid Waste Management Facility. Area required: 15 sq.m

<table>
<tr><td></td><td>c.</td><td>Quantity of Hazardous Waste generation and mode of Disposal as per norms</td><td><table><tr><td>Quantity</td><td>Negligible</td></tr><tr><td>Mode of Disposal</td><td>Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.</td></tr><tr><td>Area required</td><td>5 sq.m</td></tr></table></td></tr>
<tr><td></td><td>d.</td><td>Quantity of E waste generation and mode of Disposal as per norms</td><td><table><tr><td>Quantity</td><td>Negligible</td></tr><tr><td>Mode of Disposal</td><td>E waste will be stored at a designated place and disposed through registered recyclers.</td></tr><tr><td>Area required</td><td>6 sq.m</td></tr></table></td></tr>
<tr><td></td><td>e.</td><td>Any other waste generated and its disposal.</td><td>-</td></tr>
<tr><td>19</td><td colspan="3">POWER:</td></tr>
<tr><td></td><td>a.</td><td>Total Power Requirement - Operational Phase</td><td>2,000 kW from MESCOM</td></tr>
<tr><td></td><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>A DG set of 200 kVA + 4 DG sets of 500 kVA each</td></tr>
<tr><td></td><td>c.</td><td>Details of Fuel used for DG Set</td><td>HSD – 440 l/hr</td></tr>
<tr><td></td><td>d.</td><td>Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007</td><td>▪ Solar panels on the roof tops (Approx. 50 Solar panels generate approx. 100 kW power).
▪ Sound design of tower for maximum natural ventilation and illumination.
▪ Design of building shell to reflect most of the solar insulation.
▪ Lighting controllers like dimmer and occupancy sensors.
▪ Energy efficient motors and transformers, LEDs
▪ ~29% of Energy savings</td></tr>
<tr><td>20</td><td colspan="3">PARKING:</td></tr>
<tr><td></td><td>a.</td><td>Parking Requirement proposed as per norms (ECS)</td><td>Required - 193 ECS
Provided - 223 ECS + 60 Two Wheelers</td></tr>
<tr><td></td><td>b.</td><td>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.</td><td>D</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>8 m</td></tr>
<tr><td>21</td><td colspan="2">CER Activities</td><td><table><tr><th>Sr. No.</th><th>Year</th><th>CER Activity</th></tr><tr><td>1</td><td>2025-26</td><td rowspan="4">Halanayakanahalli lake bund beautification work</td></tr><tr><td>2</td><td>2026-27</td></tr><tr><td>3</td><td>2027-28</td></tr><tr><td>4</td><td>2028-29</td></tr></table></td></tr>
<tr><td>22</td><td colspan="2">EMP (Details and capital cost & recurring cost with cost of CER)</td><td>Construction Phase<table><tr><th>Sr. No.</th><th>EMP Aspect</th><th>Approx. Cost (Rupees in Lakhs)</th></tr><tr><td>1.</td><td>Barricades/dust barriers all-round the site</td><td>20.0</td></tr><tr><td>2.</td><td>Sprinkling of water (non-rainy season)</td><td>5.5</td></tr></table></td></tr>
</table>

3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	12
4.	Environmental Monitoring - Air, Water, Noise, Soil and Traffic	3.0
Total		**40.5**

Operation Phase

Sr. No.	EMP Aspect	Approx. Budgeted Capital cost (Rupees in Lakhs)	Approx. Budgeted Operating Cost (Rupees in Lakhs)
1.	STP and Grey Water Recycling	250.0	2.0
2.	Greenbelt and other landscape development	15.0	5.0
3.	Storm water drain and Rainwater Harvesting System	208.0	20.0
4.	Environmental Monitoring	15.0	5.0
5.	EHS Management Cell	12.0	4.0
6.	Solid Waste Management	20.0	3.0
8.	Energy conservation	12.0	1.0
9.	CER Activity	75.0	--
Total		**607.0**	**40.0**

The proposal was earlier considered in 326th SEAC meeting and as the Proponent remained absent, the Committee had deferred the proposal.

In the present meeting, the Proponent informed that the proposal is for construction of residential building in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding drain as per village map, road as per zoning regulations and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary drain in north, buffer of 15mtr is proposed from the center of the drain and the area demarcated for road as per zoning map, is left as it is inside the site area. Regarding harvesting rainwater, they have proposed rainwater storage structure of 60cum capacity forrunoff from rooftop and a pond of 1990 cum for runoff from hardscape and landscape areas and 12 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for individual units for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 150 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 60 cum, pond of 1,990 cum &12 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.10 Building Stone Quarry Project at Burahanpura Village, Manvi Taluk, Raichur District (2-00 Acres) by Sri N Srinivasa Raju– Online Proposal No.SIA/KA/MIN/518780/2025 (SEIAA 107 MIN 2025)

About the project:

<table>
<tr><th>Sl.No</th><th>Particulars</th><th>Information Provided by PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri N Srinivasa Raju</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy.No.12/1/1 of Burahanpura village, Manvi Taluk, Raichur District (2-00 Acres)
<table>
<tr><th>Latitude (Global)</th><th>Longitude (Global)</th></tr>
<tr><td>15°57'44.6738"N</td><td>77° 3'43.1473"E</td></tr>
<tr><td>15°57'43.5609"N</td><td>77° 3'44.7591"E</td></tr>
<tr><td>15°57'39.2015"N</td><td>77° 3'43.7464"E</td></tr>
<tr><td>15°57'40.0152"N</td><td>77° 3'41.8409"E</td></tr>
<tr><td>15°57'38.8537"N</td><td>77° 3'41.5080"E</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New/Expansion/Modification/ Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton/Cum) Per Annum</td><td>31,579Tonnes/annum(including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.10 Crores (Rs.110 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/Quarry-Cu.m/Ton</td><td>9,90,684Tonnes (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum-Cu.m/ Ton</td><td>30,000Tonnes/annum (excluding waste)</td></tr>
<tr><td>11</td><td>CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>The proponent proposes to distribute nursery plants at Burahanpura village and Strengthening of approach Road</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to GHPS at Burahanpura village</td></tr>
<tr><td>3rd</td><td>Solar Power Panels in Government Higher primary school at Burahanpura village</td></tr>
<tr><td>4th</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>5th</td><td>Health camp in nearby community places</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 20,24 lakhs (Capital Cost) & Rs. 7,63 lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>17.01.2024</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>10.01.2025</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>10.01.2025</td></tr>
<tr><td>16</td><td>Notification</td><td>26.08.2024</td></tr>
<tr><td>17</td><td>Revenue</td><td>18.01.2024</td></tr>
</table>

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that in some portion top soil has been removed for agriculture purpose and no working has been carried out by Proponent. The Committee noted the clarification given by the Proponent.

As per the cluster sketch there are 09 leases in radius of 500 mtr from the said lease out of which 4 leases are exempted as leases were granted prior to 09.09.2013 and 1 lease is exempted as ECs was

issued prior to 15.01.2016 and two leases were expired and total area of remaning leases including the applied lease is 10-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 110 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 9,90,684 Tonns (including waste) and estimated the life of mine to be coterminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 31,579 Tonns/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.11 Expansion of Building Stone Quarry Project located at Sy.No.43 of Chikkanagavalli Village in Chikkaballapura Taluk & District (1-25 Acres) by M/s. Saraswathi Stone Crusher – Online Proposal No.SIA/KA/MIN/520539/2025 (SEIAA 108 MIN 2025)

In the present proposal the Committeeobserved serious tampering of documents in the proposals uploaded in PARIVESH and the documents presented before the Committee by one of the environment consultant. Hence, the Committee after detailed deliberation and discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.12 Expansion of Building Stone Quarry Project located at Sy. No.14 of Gollahalli Village in Chikkaballapura Taluk & District (3-07 Acres) by Smt. P.Prathiba– Online Proposal No.SIA/KA/MIN/520216/2025 (SEIAA 109 MIN 2025)

The Proponent remained absent without intimation and further as the current proposal was submitted by the same environment consultant the Committee as per the initial decision taken, after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant. Hence the Committee after discussion decided to defer the Project.

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

327.2.13 Expansion of Building Stone Quarry Project is located at Sy.No.43 of Chikkanagavalli Village in Chikkaballapura Taluk & District (2-03 Acres) by Sri. S. N. Ramachandra – Online Proposal No.SIA/KA/MIN/520202/2025 (SEIAA 110 MIN 2025)

The Proponent remained absent without intimation and further as the current proposal was submitted by the same environment consultant the Committee as per the initial decision taken, after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant. Hence the Committee after discussion decided to defer the Project.

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

327.2.14 Residential Apartment Building Project at Hosakote Village, Kasaba Hobli, Hosakote Taluk, Bangalore Rural District by M/s. Shubhakrutha Group's – Online Proposal No.SIA/KA/INFRA2/519863/2025 (SEIAA 86 CON 2025)

About the project:

Sl.No.	Particulars	Information provided by Proponent.
1	Name & Address of the Project Proponent	M/s. Shubhakrutha Group's, Office at Sy.No.95, Kaithota Road, Nagondanahalli Main Road, Whitefield, Bangalore – 560 066
2	Name & Location of the Project	Residential Apartment Building Project at Sy No. 219/1B1, 219/1B2 Situated at Hosakote Village, Kasaba Hobli, Hosakote Taluk, Bangalore Rural District
3	**Type of Development**	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Cat 8(a)
b.	Residential Township / Area Development Projects	Area development

c.		Classification as per Zoning Authority	Residential
4		New/Expansion/Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	15.0 m nala buffer left from the project site.
6		**Plot Area (Sqm)**	6,092.32 m^2
7		**Built-up area (Sqm)**	21,997.49 m^2
8		**FAR** • Permissible value, with area in Sqm • ProposedValue, with area in Sqm	Net FAR 12,833.1 m^2 Permissible FAR 2.25 Proposed FAR 2.24
2.		**Building Configuration** [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Building having 2 Basement Floors + Ground Floor + 14 Upper Floors + Terrace Floor
10		**Number of units/plots** (in case of Construction / Residential Township/Area Development Projects.)	202 units
11		**Height Clearance**	Site Elevation in AMSL: 878.0 Permissible top elevation in AMSL: 1035 Difference in meters: 157 Height proposed: 44.95 m
12		**Project Cost** (Rs. In Crores)	42 crores
13		**Quantity of excavated earth& its Management Plan**	Quantity of excavated earth: 41,471.33m^3 Management: Back filling for footings: 20,735.66m^3 Site filling required: 4,335.45 m^3 Back filling for retaining wall: 13,667.36 m^3 Top soil for Landscaping: 1,285.13 m^3 Filling for internal roads: 1,447.73m^3
14		**Details of Land Use (Sqm)**	
	a.	Ground Coverage Area	1,388.32 m^2
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth	1,440.00 m^2
	d.	Internal Roads	2,895.45 m^2
	e.	Paved area	
	f.	Others Specify	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	
	h.	**Total**	5,723.77 m^2
15		**WATER**	
	I.	**Construction Phase**	
	a.	Source of water	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	The sewage generated during the construction

		of disposal of treated water	phase will be treated in the Mobile STP.	
	II.	**Operation Phase**		
	a.	Total Requirement of Water in KLD	Fresh Water	30.63 KLD
			Treated/flushingWater	101.27 KLD
			Total Water	140.9 KLD
	b.	Source of water	Gram Panchayath	
	c.	Wastewater generation in KLD	112.72 KLD	
	d.	STP capacity and Area required	115 KLD, 150 m^2	
	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 fortoilet flushing, landscaping in the project site, avenueplantation and Reuse after treating with ultrafiltrationand reverse osmosis	
16		**Infrastructure for Rain Water harvesting.**		
	a.	Capacity of sump /tank /pond to store Roof & Hardscape /soft scape run off	Rainwater collection tank proposed for roof top: 150m^3 road and paved area: 278m^3	
	b.	Nos of Ground water recharge pits	9	
17		**Storm water management plan**	Proposed rainwater harvesting and ground water recharging.	
18		**Waste Management**		
	I.	**Construction Phase:**		
	a.	Quantity of Construction & Demolition waster and its management.	561 m^3 Reused within the project site.	
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	404 kg/day	
	II.	**Operation Phase:**		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	161 kg/day Mode of Disposal: Biodegradable waste will be converted in organic convertor Capacity of facility: 1ton Area required: 100sq.m.	
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	242.4 kg/day disposed to recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste KIOSK will be provided for collection. It will be sent to KSPCB authorized e-waste recyclers.	
	e.	Any other waste generated and its disposal.	STP sludge will be used as manure.	
19		**POWER:**		
	a.	Total Power Requirement -Operational Phase	1000 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 x 1000 kVA	
	c.	Details of Fuel used for DG Set	HSD	
	d.	Energy conservation plan and Percentage	28.71%	

		of savings including plan for utilization of solar energy as per ECBC 2007	
20		**PARKING:**	
	a.	Parking Requirement proposed as per norms(ECS)	254 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	B Methods of improvement: • All the traffic will exit along the NH 648 in front of the project site. • Proper Signs and Signages needs to be installed so as to allow the vehicles from the project to merge onto the main road. • Security personnel should ensure safe Entry & Exit of vehicles from the project. • Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. • To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles. • All precautionary measures are ensured for the safety of vehicles merging onto the main road. • Adequate sign & signages are installed for traffic as per IRC (Indian Roads Congress).
	c.	Internal Road width (RoW)	8.00 m
21		**CER Activities**	• Rainwater Harvesting in GHPS at Hosakote Village: • Providing solar power panels to GHPS at Hosakote Village: • Conducting E-waste drive campaigns in the Hosakote Village: • Scientific support and awareness to local farmers to increase yield of crop and fodder: Health camp in GHPS at Hosakote Village:
22		**EMP** (Details and capital cost & recurring cost with cost of CER)	Capital cots: ₹145.745 Lakhs Recurring cost: ₹62.1625 Lakhs (including CER cost of ₹50 Lakhs)

The proposal is for construction of residential apartment project in an area earmarked for residential use as per Hoskote Planning Authority.

The Committee during appraisal sought details regarding foot kharab& drain as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the foot kharab, they have obtained reroute order from DC on 01.08.2024 and accordingly had rerouted the foot kharab to project boundary with free public access and for the primary drain in east, they have proposed larger buffer of 15mtr from the edge of the drain.the drain in northern side. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by NABET accredited consultant Dr. Milind

Pradeep Kunal, informing that the total water requirement is 140.90 KLD out of which about 39.63 KLD of fresh water requirement would be met from 1 proposed borewell in the proposed project area,only after obtaining NoC from KGWA for digging &extraction of ground water.In addition, they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 94 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent informed the Committee that they have proposed rainwater storage structures of 150 cum for runoff from rooftop and another tank of 278cum for runoff from hardscape and landscape areas along with 09 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, energy efficient plumbing system for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 135 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 150 cum, 278 cum and 9 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.

9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. The PP shall explore the possibility of in-house C&D waste recycling facility.
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.15 Residential Apartment Project at Vajarahalli Village, Uttarahalli Hobli, Kanakapura Road, Bangalore Urban District by M/s. Puravankara Ltd. – Online Proposal No.SIA/KA/INFRA2/520499/2025 (SEIAA 87 CON 2025)

About the project:

Sl.No.	Particulars	Information
1	Name & Address of the Project Proponent	M/s. Puravankara Limited #130/1, Ulsoor Road, Bengaluru -42
2	Name & Location of the Project	Residential Apartment at Sy.Nos.61/5 & 63/1 of Vajarahalli Village, Uttarahalli Hobli, Kanakapura Road, Bangalore South
3	Type of Development	-
a.	Residential Apartment/Villas/Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Cat 8(a)
b.	Residential Township/ Area Development Projects	-
c.	Classification as per Zoning Authority	Residential
4	New/ Expansion/ Modification/ Renewal	NEW
5	Water Bodies/ Nalas in the vicinity of project site	NIL
6	**Plot Area (Sqm)**	14726.89 Sqm
7	**Built Up area (Sqm)**	74,270 Sqm
8	**FAR** • Permissible value with area in Sqm • Proposed Value, with area in Sqm	 Permissible: 3.0 - Area 44180.67 Sqm Achieved: 2.999 - Area 44166.07 Sqm
9	**Building Configuration**[Number of Blocks /Towers /Wings etc., with Numbers of Basements and Upper Floors]	3 towers with 4B+G+27 Floor & Amenities building: B+G+1
10	**Number of units/plots** (in case of	240 units

		Construction/ Residential Township/ Area Development Projects)		
11		**Height Clearance**	91.1M. Applied for NOC from HAL, NOC from AAI received.	
12		**Project Cost** (Rs. In Crores)	160crores	
13		**Quantity of excavated earth& its Management Plan**	Total Quantity of Excavation is 67590 cumt. As the site has a gradient of 4 meters, filling quantity required including compaction is 20714 cumt. Excess earth will be used for manufacture of brick for nonstructural use. Further excess soil will be given to local brick manufacturers, who have continuous demand of soil for their industry. Excavated earth will be reused in site for pavements & filling low lying areas.	
14		**Details of Land Use (Sqm)**		
	a.	Ground Coverage Area	1925.52 Sqm	
	b.	Kharab Land	-	
	c.	Total Green belt on Mother Earth	1999.28Sqm	
	d.	Internal Roads	Driveway: 6506.472074.24 Sqm Podium:1796.81 Sqm	
	e.	Paved area		
	f.	Others Specify (services-incl STP & UG sump)	Road widening:2498.81 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	1999.28 Sqm	
	h.	Total	14726.89 Sqm	
15		**WATER**		
	I.	**Construction Phase**		
	a.	Source of water	Treated water from Puravankara Park Square, Judicial Layout, which is less than 2 KM from project site for construction purpose. Tanker water for domestic use of construction staff.	
	b.	Quantity of water for Construction in KLD	15 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5KLD	
	d.	Waste water generation in KLD	4.3 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP of 5 KLD proposed	
	II.	**Operational Phase**		
	a.	Total Requirement of Water in KLD	Fresh	134.83 KLD

			Recycled	67.98 KLD
			Total	203 KLD
	b.	Source of water	BWSSB/Borewell +Rain water+ Recycled water	
	c.	Waste water generation in KLD	162.25 KLD	
	d.	STP capacity	230 KLD	
	e.	Technology employed for Treatment	MBR technology	
	f.	Scheme of disposal of excess treated water if any	Reused in flushing Gardening, Dust suppression etc	
16	**Infrastructure for Rain water harvesting**			
	a.	Capacity of sump tank to store Roof run off	205 cum	
	b.	No's of Ground water recharge pits	4	
17	**Storm water management plan**		600mm wide storm water drain all around the project & Proposed surface storm water sump capacity-205cum	
18	**WASTE MANAGEMENT**			
	I.	**Construction Phase**		
	a.	Quantity of Construction & Demolition waster and its management.	Maximum of 30kg/Sqm. Will be sent to govt approved landfill sites & backfilling at sites.	
	b.	Quantity of Solid waste generation and mode of Disposal other then C&D	20kg/day -Collected separately & handed over to Authorized recyclers	
	II.	**Operational Phase**		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms. (Capacity of OWC & Area required)	358.5kg/day- we are proposing Organic waste converter of 450kg/day. The waste is converted to manure which will be used for gardening.	
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	239 kg/day- Collected separately & handed over to Authorized recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	NA	
	d.	Quantity of E waste generation and mode of Disposal as per norms	Since the project is residential, E -waste generation is minimal. Hence, we are placing E -waste collection bin on the basement for safe collection & disposed to authorized vendors.	
	e.	Any other waste generated and its disposal.		
19	**POWER**			
	a.	Total Power Requirement -Operational Phase	2500 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1010 KVA & 1 X 750 KVA	
	c.	Details of Fuel used for DG Set	CNG/Diesel	
	d.	Energy conservation plan and Percentage of	Total energy saving in% is 20.72%	

		savings including plan for utilization of solar energy as per ECBC 2007	Solar: 6.3%
20	**PARKING**		
	a.	Parking Requirement as per norms (ECS)	Parking required-403No. Provided-520No 20% of the apartment with EV
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	LOS is "C" performance is "good" • Adequate sign and guideposts for traffic • Road markings, STOP lines, parking lanes, etc., to be clearly painted to guide the drivers.
	c.	Internal Road width (RoW)	8-meter-wide driveway
21		CER Activities	• Solar streetlighting & Tree Plantation along Kanakapura Main Road for about 1km • Strom water drain outside the property
22		EMP • Construction phase • Operation Phase	335 Lakhs 24.4 Lakhs CER: 100 Lakhs

The Committee initially sought details regarding present site condition as per KML. Proponent informed the Committee that the proposed area is a vacant land and no construction work has been started by Proponent and the Committee noted the clarification.

The proposal is for construction of a residential apartment project in an area demarcated as residential use as per RMP of BDA 2015.

The Committee during appraisal sought details regarding provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that regarding harvesting rainwater, they have proposed rainwater storage structure of 205 cum capacity forrunoff from rooftop, hardscape and landscape areas and 04 recharge pits within the site area. Regarding HT line in north west, buffer of 9mtrs from center is proposed. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for individual units for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 185 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 205 cum & 04 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. The PP shall explore the possibility of in-house C&D waste recycling facility.
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.16 Validity Extension of Building Stone Quarry Project at Sy.No.223/3 of Mugad Village, Dharwad Taluk & District (1-00 Acre) by Shri K Rajesh Aithal – Online Proposal No.SIA/KA/MIN/519991/2025 (SEIAA 472 MIN 2019)

As per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.17 River Sand Quarry Project in Tunga River Bed at Adjacent Sy.Nos.6, 9, 10, 11, 322, 265, 283 & 291 of Halandur Village, Sringeri Taluk in Chikkamagalur District (12-00 Acres) by Executive Engineer, Panchayat Raj, Engineering Division, Chikkamagaluru District– Online Proposal No.SIA/KA/MIN/521134/2025 (SEIAA 112 MIN 2025)

As per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.18 Residential Apartment Building Project at Chinnappa Garden, 1st Cross, BBMP Ward No.63, Jayamahal, Bangalore North Taluk, Bangalore Urban District by M/s. Legacy Global Projects Pvt. Ltd., – Online Proposal No.SIA/KA/INFRA2/514618/2024 (SEIAA 89 CON 2025)
About the project:

Sl.No.	Particulars	Information provided by Proponent.
1	Name & Address of the Project Proponent	M/s. Legacy Global Projects Pvt. Ltd., registered office at no. 333, Thimmaiah Road, 2nd floor, Nove Miller, Bangalore - 560052
2	Name & Location of the Project	Residential Building with Club House by M/s. Legacy Global Projects Pvt. Ltd. at Municipal Nos.21, 22, 23, 16/32, 16/33, 16/34, 16/38, 16/39 & 16/40 of Chinnappa Garden, 1st Cross, BBMP Ward No. 63, Jayamahal, Bangalore Urban District.
3	**Type of Development**	
a.	Residential Apartment/Villas/Row Houses/Vertical Development/ Office /IT/ITES/Mall/Hotel/ Hospital /other	Residential Apartment Cat 8(a)
b.	Residential Township / Area Development Projects	NA
c.	Classification as per Zoning Authority	Parks and green spaces, sport / playgrounds, cemeteries / burial grounds
4	New/Expansion/Modification/Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	30.0 m – tank
6	Plot Area (Sqm)	12,929.62 Sqm
7	**Built-up area (Sqm)**	78,524.16 Sqm
8	**FAR** • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	Net FAR 49,767.1m^2 Permissible FAR 3.85 Proposed FAR 3.849
2.	**Building Configuration** [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Towers and Clubhouse, each Tower having 3 Basement Floor + StiltFloor + 23 Upper Floors + Terrace Floor and ClubHouse having Ground Floor + 1 Upper Floor
10	**Number of units / plots** (in case of Construction/Residential Township /Area Development Projects.)	154 units
11	**Height Clearance**	Site Elevation in AMSL: 925.0 Permissible top elevation in AMSL: 1010

		Difference in meters: 85.0 Height proposed: 84.94 m	
12	**Project Cost** (Rs. In Crores)	80 crores	
13	**Quantity of excavated earth& its Management Plan**	Quantity of excavated earth: 96,346.88 m^3 Management: Back filling for footings: 48,173.44 m^3 Site filling required: 2,909.22m^3 Back filling for retaining wall: 41,132.56m^3 Top soil for Landscaping: 2,456.42m^3 Filling for internal roads: 1,675.24 m^3	
14	**Details of Land Use (Sqm)**		
a.	Ground Coverage Area	4,837.6m^2	
b.	Kharab Land	-	
c.	Total Green belt on Mother Earth	2,467.95m^2	
d.	Internal Roads	3,350.48m^2	
e.	Paved area		
f.	Others Specify	Podium Landscape/Play Courts: 1,057.99 m^2 Civic amenity: 1,215.6 m^2	
g.	Parks and Open space in case of Residential Township/ Area Development Projects		
h.	**Total**	12,929.62m^2	
15	**WATER**		
I.	**Construction Phase**		
a.	Source of water	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.	**Operation Phase**		
a.	Total Requirement of Water in KLD	Fresh Water	116.42 KLD
		Treated/flushing Water	55.44 KLD
		Total Water	171.86 KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	146.08 KLD	
d.	STP capacity and Area required	150 KLD, 150 m^2	
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 fortoilet flushing, landscaping in the project site, avenueplantation and Reuse after treating with ultrafiltrationand reverse osmosis.	
16	**Infrastructure for Rain Water harvesting.**		
a.	Capacity of sump /tank /pond to store Roof & Hardscape /soft scape run off	522m^3	
b.	Nos of Ground water recharge pits	15	

17		**Storm water management plan**	The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water.
18		**Waste Management**	
	I.	**Construction Phase:**	
	a.	Quantity of Construction & Demolition waster and its management.	Demolition Waste:Nil Construction Waste: Nil
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	40 kg/day Organic waste will be converted inorganic convertor. Inorganic solid waste will behanded over to authorized recyclers.
	II.	**Operation Phase:**	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	197.12 kg/day Mode of Disposal: Biodegradable waste will be converted in organic convertor Capacity of facility: 1ton Area required: 100sq.m.
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	295.68 kg/day disposed to authorized recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	Very less quantity will be generated.
	e.	Any other waste generated and its disposal.	
19		**POWER:**	
	a.	Total Power Requirement -Operational Phase	750 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 x 750 kVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	29.56%
20		**PARKING:**	
	a.	Parking Requirement proposed as per norms(ECS)	390
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	Chinnappa Garden Road B Methods of improvement: • All the traffic will exit along the Chinnappa Garden Road in front of the project site. • Proper Signs and Signages needs to be installed so as to allow the vehicles from the project to merge onto the main road. • Security personnel should ensure safe Entry & Exit of vehicles from the project.

			• Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. • To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles. • All precautionary measures are ensured for the safety of vehicles merging onto the main road. • Adequate sign & signages are installed for traffic as per IRC (Indian Roads Congress).
	c.	Internal Road width (RoW)	8.00 m
21		**CER Activities**	• Rainwater Harvesting in GHPS • Providing solar power panels to nearest GHPS: • Conducting E-waste drive campaigns in nearest GHPS: • Scientific support and awareness to local farmers to increase yield of crop and fodder: • Providing Vaccination in Health camp in nearest GHPS:
22		**EMP** (Details and capital cost & recurring cost with cost of CER)	Capital cots: ₹275.16 Lakhs Recurring cost: ₹33.254 Lakhs CER cost: ₹100 Lakhs

The Committee initially asked clarification regarding the existing road inside the proposed site area. The Proponent informed the Committee that it is a private road internal road, which was developed and maintained by them and as per the BDA change of land use document and sketch, dated 14.11.2016, there is no mentioning of the said road. Further, the Proponent will be constructing an alternative road within the site, which will also be left open for public without interfering the traffic. The Committee noted the details.

The proposal is for construction of a residential apartment project in an area demarcated as parks and openspaces as per RMP of BDA 2015, for which the Proponent informed that they have obtained change of land use to residential from BDA on 14.11.2016.

The Committee during appraisal sought details regarding water body as per village map and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the water body in norther side is at a distance of 30mtr to the project site boundary and regarding harvesting rainwater, they have proposed rainwater storage structure of 522 cum capacity forrunoff from rooftop, hardscape and landscape areas and 15 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for individual units for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 210 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 522 cum & 15 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.19 Residential Apartment & Club House Project at Gubbalala Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Chaithrashree Developers – Online Proposal No.SIA/KA/INFRA2/519948/2025 (SEIAA 88 CON 2025)

About the project:

SL.No.	Particulars	Information Provided by proponent.
1	**Name & Address of the Project Proponent**	Mr. M Venkateshulu, Partner, M/s. Chaithrashree Developers, No.70, 2nd Floor, Opp Darshini Flooring, Kaverinagar, Kathriguppe, BSK III Stage, Bengaluru - 560 078.
2	**Name & Location of the Project**	Development of "Residential Apartment and Club House" Project at Khatha No.2112/Sy. No. 55/1 of Gubbalala Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District.
3	**Type of Development**	
a.	Residential Apartment/~~Villas/Row Houses/Vertical Development/Office / IT/ ITES/ Mall/ Hotel/ Hospital /other~~	Residential Apartment and club house Cat 8(a)
b.	Residential Township / Area Development Projects	NA
c.	Classification as per Zoning Authority	As per the Revised Master Plan of BDA-2015 map, the proposed project site is designated as Residential Zone & the land has been converted to Residential Purpose.
4	**New/~~Expansion/ Modification/ Renewal~~**	New
5	**Water Bodies/ Nalas in the vicinity of project site**	Water Bodies/ Nalas in the vicinity of project site
6	**Plot Area (Sqm)**	20,183.41 Sqm (4 Acre 39.50 Guntas)
7	**Built Up area (Sqm)**	86,068.02 Sqm
8	**FAR** • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	 2.50 (48,435.13 Sqm) 2.49 (48,418.93 Sqm)
9	**Building Configuration** [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising 374 No. of residential units in 2 Blocks distributed over 2BF+GF+10UF and Club house in BF+GF+2UF. Maximum height of the building is 34.85 m.
10	**Number of units/plots** (in case of Construction/ Residential Township/ Area Development Projects)	NA
11	Height Clearance	As per CCZM, the permissible height is 153.5 m and the height achieved for our proposed building is 34.85 m.
12	Project Cost (Rs. InCrores)	Rs. 153 Crores
13	Quantity of Excavated earth & its management plan	Excavated earth quantity –14660m^3 Backfilling& site formation - 11368 m^3 Landscaping – 3292 m^3
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	6,173.36Sqm
b.	Kharab Land	809.36 Sqm

	c.	Total Green belt on Mother Earth	6,584.83Sqm	
	d.	Internal Roads	6,246.86Sqm	
	e.	Paved area		
	f.	Others Specify	Service Area – 369.00 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	20,183.41Sqm	
15	**WATER**			
	I.	**Construction Phase**		
	a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	30 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	4.0 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site.	
	II.	**Operational Phase**		
	a.	Total Requirement of Water in KLD	Fresh	205 KLD
			Flushing	104KLD
			Total	309KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	278KLD	
	d.	STP capacity	STP Capacity – 300 KLD (area 280Sqm)	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess119KLD for construction works/ Avenue plantation.	
16	**Infrastructure for Rain water harvesting**			
	a.	Capacity of sump/tank to store Roof & Hardscape/ soft scape run off	Roof Rain water sump – 300 Cum	
	b.	No's of Ground water recharge pits	27 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 wells and will be managed within the site and in the worst rain fall, excess runoff will be discharged to the external storm water drain on western side of the site. Hence it won't cause any flooding or water logging problems.	
18	**WASTE MANAGEMENT**			
	I.	**Construction Phase**		
	a.	Quantity of Construction & Demolition waste and its management.	Demolition waste: No demolition work Construction Waste: Construction debris generated from the whole project is 42 tons and this will be reused within the site for road and pavement formation.	

	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	Total quantity of solid waste generation is 10 kg/day. In which, 4 kg/day is the biodegradable waste & 6 kg/day is the non-biodegradable waste and this will be handed over to BBMP.		
	II.	**Operational Phase**			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	Quantity:	363kg/day	
			Mode of Disposal:	This will be segregated at household levels and will be processed in proposed organic waste converter.	
			Capacity of facility:	400 kg/day	
			Area required:	45 Sqm	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity:	544 kg/day	
			Mode of Disposal:	Recyclable wastes will be handed over to authorized waste recyclers.	
			Area required:	6Sqm	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity:	102 L/Annum (0.21 l/running hour)	
			Mode of Disposal:	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.	
			Area required:	4Sqm	
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity:	1.10 tons/annum	
			Mode of Disposal:	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.	
			Area required:	4 Sqm	
	e.	Any other waste generated and its disposal.	No		
19		**POWER**			
	a.	Total Power Requirement -Operational Phase	2627 kVA		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA - 2 Nos. & 350 KVA – 1No. Stack Height 7.0 m & 6.0 m ARL respectively		
	c.	Details of Fuel used for DG Set	298.62 l/hr		
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	5 star rated transformer, Solar PV panels, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 27.38 %		
20		**PARKING**			
	a.	Parking Requirement as per norms (ECS)	424 No. of cars. (provided – 428 No. of cars) (25% i.e. 94 Nos. of the EV Charging facility will be provided)		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic	Road	Existing	Changed Scenario after widening

		Study Reportand methods of improvement.	Gubbalala/Thurahalli road	V/C- 0.34 LOS - B	V/C- 0.24 LOS - B
			• To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles . • Proper pedestrian footpath must be constructed and barricaded for their safety. • Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. • Amber blinker lights will be used at the gate to caution vehicles which are moving out. Sign boards will also to be installed to this effect.		
	c.	Internal Road width (RoW)	20.6 m wide Thurahalli Road		
21		**CER Activities**	Development works in Gubbalala Government Primary School Renovation of class rooms & Provision of desktops & internet facilities		
22		**EMP** (Details and capital cost & recurring cost with cost of CER)	Construction Phase: Capital Investment – 18.87 Lakh Construction – 158.3 Lakh Operation Phase: Capital investment – 381.84 Lakh Operation Investment – 32.32 Lakh/annum CER Rs. 70.00 Lakhs		

The Committee initially sought clarification regarding present site condition as per KML. The Proponent informed the Committee that the site area is a vacant land and no construction has been started. The Committee noted the clarification.

The proposal is for construction of a residential apartment project in an area demarcated as residential use as per RMP of BDA 2015.

The Committee during appraisal sought details regarding drain as per village map and HT line and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that they had obtained reroute order for tertiary drain from DC on 10.06.2024, accordingly had proposed reroute of drain and with buffer of 15 mtrs from center of the drain. Regarding HT line in northe east, buffer of 17.5 mtr has been proposed on either sides of HT line. Regarding harvesting rainwater, they have proposed rainwater storage structure of 300 cum capacity forrunoff from rooftop, hardscape and landscape areas and 27 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for individual units for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 245 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 300 cum & 27 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.20 EIA - Pink Granite Quarry Project at Kadur Village, Kushtagi Taluk, Koppal District (8-00 Acres) by Sri MarisangappaGurappa Sajjan– Online Proposal No.SIA/KA/MIN/519656/2025 (SEIAA 15 MIN 2024)

About the project:

Sl.No.	Particulars	Information Provided by Proponent
1	Name & Address of the Projects Proponent	Sri Marisangappa Gurappa Sajjan
2	Name & Location of the Project	Pink Granite Quarry Project at Sy.Nos.47/*/9, 47/*/12, 47/*/14 & 43/2/6 of Kadur Village, Kushtagi Taluk, Koppal District (8-00 Acres) N15°59'23.70045" E76°00'03.00421" N15°59'23.20127" E76°00'05.60121" N15°59'18.20012" E76°00'06.30410" N15°59'18.01125" E76°00'07.21024" N15°59'12.40985" E76°00'07.47091" N15°59'12.00024" E76°00'03.90101" N15°59'16.90012" E76°00'02.90102" N15°59'16.90121" E76°00'04.20415"
3	Type Of Mineral	Pink Granite Quarry Project
4	New/Expansion/Modification/Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta
6	Area in Acres	8-00 Acres
7	Annual Production (Metric Ton/ Cum) Per Annum	8,000 Cum/annum (including waste)(2,400 Cum/annum – Recovery, 2,400 Cum/annum – Khads, 1,600 Cum/annum –Waste, 1,600 Cum - Building Stone)
8	Project Cost (Rs. In Crores)	Rs. 1.78 Crores (Rs.178 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	3,74,647.5Cum (including waste)
10	Permitted Quantity Per Annum-Cu.m/Ton	2,400 Cum/annum (recovery)
11	CER Activities: Year: Corporate Environmental Responsibility (CER) 1st: Providing solar power panels to the GHPS school at Kadur Village. 2nd: Rain water harvesting pits to Kadur Village. 3rd: Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages 4th: Conducting E-waste drive campaigns in GHPS at Kadur Village. 5th: Health camp to the GHPS school at Kadur Village.	
12	EMP Budget	Rs. 39.59 lakhs (Capital Cost) & Rs.11.11 lakhs (Recurring cost)
13	Quarry plan	07.11.2023
14	Cluster certificate	08.11.2023
15	Forest NoC	13.04.2017
16	Revenue NOC	22.06.2018
17	DTF	05.07.2023

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that as per DMG letter dated 12.12.2024, as per google images, mining activites had been carried out prior to 01.01.2012 and no mining has been carried out post 01.01.2012 and Proponent had not carried out mining till date. The Committee noted the clarification of Proponent as per KML and appraised the project.

For the present proposal, SEIAA had issued combined ToR on 03.08.2024 and public hearing was conducted on 26.11.2024, where opinion/requests of threepeople had been recorded in public hearing report. Further, Proponent informed that Director DMG vide letter dated 08.01.2024, had clarified regarding the old and new survey numbers for the applied area.

Considering the existing cart track road to a length of 165 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarryand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 3,74,647.5 Cum (including waste) and estimated the life of mine to be coterminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,000 Cum/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.

8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
9. To comply with the request/opinion of public expressed during PH.

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

327.2.21 Building Stone Quarry Project is located at Sy.No.18/1 of Alageri Mandri Village in Hosanagara Taluk, Shivamogga District (1-00 Acre) by Sri Uday Gopala Nailk– Online Proposal No.SIA/KA/MIN/520905/2025 (SEIAA 113 MIN 2025)

As per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.22 Integrated Life Science Park Project at Bhaktipura Village, Anekal Taluk, Bengaluru Urban District by M/s. RBD Shelters LLP – Online Proposal No.SIA/KA/INFRA2/519378/2025 (SEIAA 90 CON 2025)

About the project:

Sl.No.	Particulars	Information provided by Proponent.
1	Name & Address of the Project Proponent	M/s. RBD Shelters LLP.,Tiara 682, 9th A Main Road, Defence Colony, Indiranagar, Bengaluru - 560038
2	Name & Location of the Project	Proposed Integrated Life Science Park by M/s. RBD Shelters LLP at Sy. Nos.39/7, 41/1, 41/2, 41/3, 42/1, 42/2, 43, 44/3 & 44/4, 45/1, 44/7, 45/2A, 45/2B1, 45/2B2, 45/2B3, 44/2, 45/3A of Bhaktipura Village, Anekal Taluk, Bengaluru Urban District.
3	**Type of Development**	
a.	Residential Apartment/Villas/Row Houses/Vertical Development/ Office /IT/ITES/Mall/Hotel/Hospital /other	Integrated Life Science Park Cat 8(a)
b.	Residential Township / Area Development Projects	NA
c.	Classification as per Zoning Authority	Industrial
4	New/Expansion/Modification/Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	9.0 m buffer left from the nala as per zoning regulation 10.0 m buffer left from the Tank as per zoning regulation.
6	Plot Area (Sqm)	85,492.87m2
7	Built-up area (Sqm)	95,590m2
8	**FAR** • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	Net FAR 4,10,082 m^2 Permissible FAR 1.00 Proposed FAR 0.99
2.	**Building Configuration**	Integrated Life Science Park having 3 Phases,

	[Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	comprising of Phase 1 having Lab Blocks A, B & C, Enclosures and Service and Entrance Area, Lab Blocks having 3 blocks A, B and C having Ground Floor + 2 Upper Floors + Terrace Floor, Enclosures and Service Block having Ground Floor + 3 Upper Floors, and Entrance Area having Marketing Office having Ground Floor + 2 Upper Floors and Entry Plaza having Ground Floor + Upper Floor + Terrace Floor, Phase 2 having Lab Blocks D, E, F & G and Cafeteria, Each Lab Blocks having Ground Floor + 3 Upper Floors + Terrace Floor and Cafeteria having Ground Floor + Upper Floor and Phase 3 having Lab Blocks H, I, J, K L and M, Lab Blocks H, I, J L & M having Ground Floor + 3 Upper Floors + Terrace Foor and Block K having Ground Floor + 4 upper Floors + Terrace Floor.
10	**Number of units / plots** (in case of Construction / Residential Township /Area Development Projects.)	NA
11	**Height Clearance**	Site Elevation in AMSL: 888 Permissible top elevation in AMSL: 1065 Difference in meters: 177.0 Height proposed: 16.0 m
12	**Project Cost** (Rs. In Crores)	190 crores
13	**Quantity of excavated earth& its Management Plan**	Quantity of excavated earth: 1,33,523.46m^3 Management: Back filling for footings: 66,761.73m^3 Site filling required: 28,440.34m^3 Back filling for retaining wall: 6,803.31m^3 Top soil for Landscaping: 17,184.07m^3 Filling for internal roads: 14,334.02m^3
14	**Details of Land Use (Sqm)**	
a.	Ground Coverage Area	28,612.19m^2
b.	Kharab Land	-
c.	Total Green belt on Mother Earth	28,212.6m^2
d.	Internal Roads	28,668.03m^2
e.	Paved area	
f.	Others Specify	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	
h.	**Total**	85,492.87m^2
15	**WATER**	
I.	**Construction Phase**	
a.	Source of water	From Nearby treated water suppliers
b.	Quantity of water for Construction in KLD	50 KLD
c.	Quantity of water for Domestic Purpose in KLD	10 KLD
d.	Waste water generation in KLD	8 KLD
e.	Treatment facility proposed and	The sewage generated during the construction phase

		scheme of disposal of treated water	will be treated in the Mobile STP	
	II.	**Operation Phase**		
	a.	Total Requirement of Water in KLD	Fresh Water	221.48 KLD
			Treated/flushing Water	304.54 KLD
			Total Water	526.02 KLD
	b.	Source of water	Borewell & RWH	
	c.	Wastewater generation in KLD	447.11 KLD	
	d.	STP capacity and Area required	450 KLD, 200 m^2	
	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 fortoilet flushing, landscaping, floor cleaning in the project site.	
16		**Infrastructure for Rain Water harvesting.**		
	a.	Capacity of sump /tank /pond to store Roof & Hardscape /soft scape run off	3090m^3	
	b.	Nos of Ground water recharge pits	169	
17		**Storm water management plan**	The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water.	
18		**Waste Management**		
	I.	**Construction Phase:**		
	a.	Quantity of Construction & Demolition waste and its management.	Demolition Waste:Nil Construction Waste: Nil	
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	20 kg/day Collected and disposed off suitably.	
	II.	**Operation Phase:**		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	442.96 kg/day Mode of Disposal: Biodegradable waste will be converted in organic convertor Capacity of facility: 3 ton Area required: 150sq.m.	
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	664.44 kg/day disposed to authorized recyclers.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less	
	e.	Any other waste generated and its disposal.		
19		**POWER:**		
	a.	Total Power Requirement -Operational Phase	10000 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4 X 2250 kVA + 1 X 500 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	33.48%
20		**PARKING:**	
	a.	Parking Requirement proposed as per norms (ECS)	178 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	B Methods of improvement: • All the traffic will exit along the Attibele to Anekal Road in front of the project site. • Proper Signs and Signages needs to be installed so as to allow the vehicles from the project to merge onto the main road. • Security personnel should ensure safe Entry & Exit of vehicles from the project. • Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. • To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles. • All precautionary measures are ensured for the safety of vehicles merging onto the main road. • Adequate sign & signages are installed for traffic as per IRC (Indian Roads Congress).
	c.	Internal Road width (RoW)	7.5 m
21		**CER Activities**	• Rainwater Harvesting in GHPSatBhaktipura Village • Providing solar power panels to GHPSatBhaktipura Village • Conducting E-waste drive campaigns at Bhaktipura Village: • Scientific support and awareness to local farmers to increase yield of crop and fodder: • Health camp at Bhaktipura Village:
22		EMP (Details and capital cost & recurring cost with cost of CER)	Capital cots: ₹910.33 Lakhs Recurring cost: ₹143.56 Lakhs CER Rs. 90L

The Committee initially sought clarification regarding the existing construction. The Proponent informed the Committee that the proposal is for expansion, for which they had earlier obtained CFE from KSPCB for BUA of 19,688 Sqm on 12.11.2020 and plan approval from STRRPA for BUA 34,816.63 Sqm on 24.09.2021 for construction of two building and an industrial shed. Presently, as per the architect certificate they had constructed only two buildings as per the plan with total BUA of 16,404 Sqm and had not started the construction of industrial shed and stopped the construction. Now had proposed for expansion in BUA of 34,816.63 Sqm in plot area of 73,272.37 Sqm to BUA of 95,590 Sqm in plot area of 85,492.87 Sqm. The Committee noted the details.

The Committee during appraisal sought details regarding water body, drain and cart track kharab as per village map, HT line and zoning road, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the water body in south outside the proposed site area, they had provided buffer of 10mtrs from the edge of water body as per the plan approval from STRRPA, for all the drains buffer of 9mts from the edge of drain has been proposed and the cart track road in north west is retained as it is with free public access. For t the HT line in norther east buffer of 17mtrs is proposed and the 18mtr zoning road area in nort east is left as it is. Regarding source of water during operation phase, Proponent informed that they have conducted hydrogeology study by NABET accredited consultant M/s Srushti Seva Pvt. Lt., informing that the total water requirement is 526.02 KLD out of which about 221.48 KLD of fresh water requirement would be met from 4 proposed borewells in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition, they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 221.48 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 3090 cum & 2752 cum for the runoff from roof top, hardscape and landscape area with 169 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 1070 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 50% of total parking with e-vehicle charging facility for commercial development projects.
4. To provide roof top rainwater collection tank capacity of 3090 cum, 2752 cum & 169 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.

6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.23 EIA - Building Stone Quarry Project at Thirthkunde Village, Khanapur Tq & Belagavi District (6-00 Acres) (2.43 Ha) by M/s. Popular Crushers PBT Ltd. – Online Proposal No.SIA/KA/MIN/524038/2025 (SEIAA 62 MIN 2024)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	M/s. Popular Crushers PBT Ltd.
2	Name & Location of the Project	EIA - Building Stone Quarry Project at Sy.No.204/2 of Thirthkunde Village, Khanapur Tq & Belagavi District (6-00 Acres) (2.43 Ha)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta

Latitude	Longitude
15:43:55.0630N	74:25:12.5240E
15:43:55.1078N	74:25:10.8176E
15:44:02.7100N	74:25:11.0200E
15:44:00.4500N	74:25:16.1249E
15:43:58.4430N	74:25:15.9347E
15:43:57.9931N	74:25:15.9693E
15:43:57.0517N	74:25:15.8413E
15:43:57.1759N	74:25:12.8130E

6	Area in Acres	6-00 Acres (2.43 Ha)
7	Annual Production (Metric Ton/Cum) Per Annum	2,90,209 Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crore (Rs.100 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	19,95,136 Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/ Ton	2,84,405Tonnes/annum (excluding waste)
11	CER Activities:	

Year	Location
1st	Avenue plantation on both sides between Uchawade village to SH 54 road (1.0 km) - 833 plants @ spacing of 4 X 3 m (incl. 2 yr maintenance)
2nd	Avenue plantation on both sides between Uchawade village to SH 54 road (0.70 km) - 583 plants @ spacing of 4 X 3 m (incl. 2 yr maintenance)
3rd	Rejuvenation of Kinaye small dam catchment area for 1.0 Ha

12	EMP Budget	Rs. --- lakhs (Capital Cost) & Rs. --- lakhs (Recurring cost)
13	Forest NOC	29.08.2018
14	Quarry plan	19.04.2024
15	Cluster certificate	19.04.2024
16	Notification	27.03.2024
17	Revenue	21.07.2018
18	PH	03.01.2025

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that as per DMG letter dated 28.06.2024, while blasting inthe adjacent lease with no. 1639, about 5000MT of mineral in the proposed site area has been fallen and it has been stocked in the proposed site area and no mineral has been dispatched till date and no mining has been carried out by Proponent till date. The Committee noted the clarification of Proponent as per KML and appraised the project.

For the present proposal, SEIAA had issued combined ToR on 02.09.2024 and public hearing was conducted on 03.01.2025, where opinion/requests of nine people had been recorded in public hearing report.

Considering the existing cart track road to a length of 1600 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 19,95,136 Tonnes (including waste) and estimated the life of mine to be 17 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,90,209 Tonnes/annum(including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.

2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
9. To comply with the opinions/request expressed during PH by public.

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

327.2.24 Expansion of Building Stone Quarry Project at Varlakonda Village, Gudibande Taluk, Chikkaballapura District (4-20 Acres) by M/s. Anil Metal Crusher – Online Proposal No.SIA/KA/MIN/525039/2025 (SEIAA 114 MIN 2025)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	M/s. Anil Metal Crusher
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No.168 of Varlakonda Village, Gudibande Taluk, Chikkaballapura District (4-20 Acres)

Latitude	Longitude
13° 36' 39.3"N	77° 46' 51.2"E
13° 36' 39.1"N	77° 46' 48.6"E
13° 36' 39.8"N	77° 46' 48.5"E
13° 36' 39.7"N	77° 46' 45.1"E
13° 36' 42.8"N	77° 46' 44.9"E
13° 36' 43.0"N	77° 46' 48.3"E
13° 36' 42.3"N	77° 46' 48.4"E
13° 36' 42.4"N	77° 46' 50.9"E

3	Type Of Mineral	Building Stone Quarry

4	New/Expansion/Modification/ Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomala, Private / Patta, Other]	Government
6	Area in Acres	4-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,94,474Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.31 Crores (Rs.131 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m/Ton	16,39,608Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/Ton	1,80,000Tonnes/annum (excluding waste)
11	**CER Activities:**	

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

12	EMP Budget	Rs. 35.02 lakhs (Capital Cost) & Rs. 7.51 lakhs (Recurring cost)
13	Forest NOC	04.08.2018
14	Quarry plan	10.02.2025
15	Cluster certificate	11.02.2025
16	Audit Report	11.02.2025

The proposal is for expansion of buiding stonequarry, for which EC was issued earlier by SEIAA on 21.05.2019 and lease is in effect from 07.12.2005 with QL 652/181. The Proponent submitted an audit report till 2023-24 certified by DMG dated 11.02.2025 informing that no working has been carried out from 2016-17 till 2023-24 and hence the Proponent considering the no working as per the audit report justifiedfor not submitting CCR. The Committee noted the details.

There is an existing cart track road to a length of 327 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarryand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 16,39,608 tons(including waste) and estimated the life of the quarry to be 9years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,94,474 Tonnes/Annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.

2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.
5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.25 Validity Extension of Building Stone Quarry Project at Sy.No.66 of Kanagala Village, Malur Taluk, Kolara District (4-00 Acres) (Q.L.No.718) by M/s. Nagadevi Stone Crusher" Managing Partner: Sri Sarvajeet Singh – Online Proposal No.SIA/KA/MIN/502317/2025 (SEIAA 490 MIN 2019)

As per the initial decision, the Committee after discussion decided to deferred the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.26 Pink Granite Quarry Project at Sy.No.33/4 of Bandragal Village, Kushtagi Taluk, Koppala District (6-32 Acres) (2.75 Ha) by M/s. Sun Granites India Mining – Online Proposal No.SIA/KA/MIN/528485/2025 (SEIAA 116 MIN 2025)

About the project:

Sl.No.	Particulars	Information Provided by Proponent
1	Name & Address of the Projects Proponent	M/s. Sun Granites India Mining
2	Name & Location of the Project	Pink Granite Quarry Project at Sy.No.33/4 of Bandragal Village, Kushtagi Taluk, Koppala District (6-32 Acres) (2.75 Ha)

		Latitude (Global) / Longitude (Global) 15°57'34.3714"N 76° 1'57.2241"E 15°57'33.7303"N 76° 2'1.3817"E 15°57'32.8614"N 76° 2'1.1101"E 15°57'29.4152"N 76° 2'1.0639"E 15°57'27.1517"N 76° 2'0.7114"E 15°57'30.0703"N 76° 1'54.7925"E
3	Type Of Mineral	Pink Granite Quarry Project
4	New/Expansion/Modification/Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta
6	Area in Acres	6-32 Acres (2.75 Ha)
7	Annual Production (Metric Ton/ Cum) Per Annum	21,867 Cum/annum (including waste) (6,560 Cum/annum – Recovery, 15,307 Cum - Waste)
8	Project Cost (Rs. In Crores)	Rs. 1.96 Crores (Rs.196 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	10,93,202 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	6,560 Cum/annum (recovery)
11	CER Activities: 1. Rainwater harvesting pits to high school at Bandragal Village and 4 other villages of Hoolgeri village, Kadur village, Purthageri village and Tatakunti villages. 2. Provision of Solar Power Panels in Government higher primary school at Bandragal Village and 4 other villages of Hoolgeri village, Kadur village, Purthageri village and Tatakunti villages.	
12	EMP Budget	Rs. 15.43 lakhs (Capital Cost) & Rs. 19.05 lakhs (Recurring cost)
13	Quarry plan	12.12.2024
14	Cluster certificate	14.02.2025
15	Forest NoC	11.07.2024
16	Revenue NOC	04.07.2024
17	DTF	25.10.2024

The Committee initially sought clarification regarding the proposal no. 412995 (Sri. Shrainik Kumar). The Proponent informed the Committee that, originally the lease was granted to Shree Shrainik Kumar Vandakuri who was the G.P. A Holder for surface right to the owner Shree Balasubramanyam which was pattaland of 19-32 Acres at Sy. No 33/2 of Bandrgal Village. The lease was granted on13.08.1998 for the period of Ten Years which was expired on 12.08.2008.

Further, as per the letter issued by Thasildar Kustagi Taluk, during 2003-04, the total area of 19-32acres was divided in to three parts (Hissa) and was sold as Sy. No 33/2 area 6-20 Acreto Shree A Arasu, Sy. No 33/3 area 6-20 Acres to Shree K. Thangarajan and Sy. No33/4 6-32 Acres to P Murgageshan S/o Paliniappan. The name of Palaniappan was bymistakenly registered as Palaniswamy which was letter corrected as MurgugeshPalaniappan.Since Shree Shrainik Kumar Vandakumar had submitted false records and applied forquarrying lease for an area 17-37 acres of Q.L No 202 (Survey no 33/2, 33/3 & 33/4),the area of 6-32 acres (including area 0-25 guntas A-Karab) has been deleted in thearea of 17-37 acres and asked for DGPS Survey. Presently the area of 6-32 Acres hasbeen deleted

in the area of 17-37 acres and Balance area 11 acres 17 guntas is pending for DGPS survey. The deleted area 6-32 Acres which was previously insurrender in sy.no 33/4 of 17-37 Acres is applied for quarry lease and EC. As presently the matter of surface rights of 6-32 Acres was in civil court JMFC Kustagi, Ordered in favor of Smt. Thangam W/o late Murgeshan and Shree Maidan bin late P.Murgageshan, Later Shree Mallikarjuna Gouda bin Doddangoudapatil& ShreeRaghvanaMurageshan bin P. Murgashan have moved to main district session courtand the matter is pending in the court.

The Proponent had obtained NoC & land conversion from DistrictCommissionerand Director Mines and Geology vide letter dated 06.02.2025 has considered the proposal subject to outcome of OS no. 96/2024 and Proponent has submittedan undertaking to DMG that they will abide by the decision of court order. Proponent consideringthe above explanation requested the Committee to consider the application for EC.

The Committee noted the clarification given by the Proponent.

As per the cluster sketch there are 13 leases in radius of 500 mtr from the said lease out of which 8 leases are exempted as leases were granted prior to 09.09.2013 and 3 leases are exempted as ECs were issued prior to 15.01.2016 and total area of remaning leases including the applied lease is 12-10 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 500 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarryand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 10,93,202 cum (including waste) and estimated the life of mine to be coterminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 21,867Cum/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.

5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. **Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.**
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

327.2.27 Natural Sand Quarry Project in Vedavathi River Bed Block at adjacent Sy.Nos.76/2, 77, 78/1, 78/2 & 78/3 of Siddapura Village, Molakalmuru Taluk in Chitradurga District (6-17 Acres) by Sri Anand Babugouda Biradar– Online Proposal No.SIA/KA/MIN/529533/2025(SEIAA 115 MIN 2025)

As per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.28 Residential Apartment & Club House Project at Channasandra Village & Kadugodi Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. DSR Green Homes– Online Proposal No.SIA/KA/INFRA2/523333/2025(SEIAA 24 CON 2025)

About the project:

Sl.No.		Particulars	Information Provided by propnent
1		**Name & Address of the Project Proponent**	Mr. Rama Charita Manas .K. Managing Partner, M/s. DSR Green Homes DSR Techno Cube, Block – C, 4thFloor, Beside SKR Convention Hall, BBMP Khatha No.639/645/1, Near Kundalahalli Gate, Thubarahalli, Varthur Main Road, Bengaluru – 560 066.
2		**Name & Location of the Project**	Development of "Residential Apartment & Club House" Project atSy.Nos.115, 127/1, 127/10, 127/11, 127/12, 127/13, 127/14, 127/15, 127/16 &127/17 at Channasandra Village and 203/1 203/2, 204/1, 204/2, 205/2, 205/3, 205/4 & 211/6 (Old Sy. No.211/4) at Kadugodi Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru Urban District.
3		**Type of Development**	
	a.	Residential Apartment/~~Villas / Row Houses /Vertical Development /Office /IT/ ITES/ Mall/ Hotel/ Hospital~~ /other	Residential Apartment & club house.
	b.	Residential Township/ Area Development Projects	NA

	c.	Classification as per Zoning Authority	As per the BDA RMP - 2015, the proposed project site is designated as Residential main, mixed, park & open spaces & unclassified Zone. And the land has been converted for residential purpose.
4		**New/ ~~Expansion/ Modification/~~ Renewal**	New
5		**Water Bodies/ Nalas in the vicinity of project site**	As per village map, there is a tertiary Nala running on southwest side of the project site, to which we have left 15 m buffer. There is another existing tertiary nala on southwest side of the project site, to which we have earmarked 15 m buffer and we are constructing culvert for the entry/exit of the vehicles. There is no kunte/lake/waterbody within 30 m radius of the project site.
6		**Plot Area (Sqm)**	31,646.40 Sqm (7 Acre 32.80 G)
7		**Built Up area (Sqm)**	1,97,841.35 Sqm
8		**FAR** • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	3.80 (114243.49 Sqm) including TDR(Permitted upto 0.6 times the base FAR of 2.5) 3.79 (114230.28 Sqm)
9		**Building Configuration** [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising of comprising 780 no. of residential units distributed over 3 Buildings: 3BF+GF+32UF. Maximum height of the building 104.40 m.
10		**Number of units/plots**(in case of Construction/Residential Township /Area Development Projects)	NA
11		**Height Clearance**	As per CCZM, the permissible height is 62.90 m, as per HAL NOC the permissible height is 110.95 m and height achieved for our proposed building is 104.40 m.
12		**Project Cost** (Rs. In Crores)	Rs. 300 Crores
13		**Quantity of Excavated earth & its management plan**	Total Excavated earth quantity – 594135 m^3 Backfilling – 178240.5 m^3 Landscaping – 118827 m^3 Road formation – 59413.5 m^3 Brick manufacturing and cultivation purpose – 237654 m^3
14		**Details of Land Use (Sqm)**	
	a.	Ground Coverage Area	4171.38 Sqm
	b.	Kharab Land	–
	c.	Total Green belt on Mother Earth	10760.00 Sqm
	d.	Internal Roads	14754.85 Sqm
	e.	Paved area	
	f.	Others Specify	Services – 322.41Sqm CA Area – 1637.76 Sqm
	g.	Parks and Open space in case of	-

		Residential Township/ Area Development Projects		
	h.	Total	31646.40 Sqm	
15		**WATER**		
	I.	**Construction Phase**		
	a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	56 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	9 KLD	
	d.	Waste water generation in KLD	8.1 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/ landscaping within the site.	
	II.	**Operational Phase**		
	a.	Total Requirement of Water in KLD	Fresh	416 KLD
			Flushing	211 KLD
			Total	627 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	565 KLD	
	d.	STP capacity and area required	STP Capacity – 600 KLD and area 917.98 Sqm	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 245 KLD for construction works/ avenue plantation.	
16		**Infrastructure for Rain water harvesting**		
	a.	Capacity of sump/tank to store Roof & Hardscape/soft scape run off	300 cum(100 cum x 3 nos.)	
	b.	Nos of Ground water recharge pits	56 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 east and south side of the site	
18		**WASTE MANAGEMENT**		
	I.	**Construction Phase**		
	a.	Quantity of Construction & Demolition waste and its management.	Demolition Waste: Old warehouse sheds was made out of big stones, around 600 no. of stones was sold to nearby villagers for house construction works Construction debris – 98 Tons Debris will be used for driveway/road formation within the site.	
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	Total quantity of solid waste generated is 25.0 kg/day. In which, 10.0 kg/day is the biodegradable waste &15.0 kg/day is the non-biodegradable waste and this will be handed over to BBMP.	
	II.	**Operational Phase**		
	a.	Quantity of Biodegradable waste	Quantity:	593 kg/day

		generation and mode of Disposal as per norms (Capacity of OWC & Area required)	Mode of Disposal:	This will be segregated at household levels and will be processed in proposed organic waste converter.
			Capacity of facility:	600 kg/day
			Area required:	75.10 Sqm
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity:	890 kg/day
			Mode of Disposal:	Recyclable wastes will be handed over to authorized waste recyclers
			Area required:	4 Sqm
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity:	Waste Oil Generation: 230 L/Annum (0.46 L/ running) hour of DGs.
			Mode of Disposal:	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
			Area required:	4 Sqm
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity:	2.5 Ton/Annum
			Mode of Disposal:	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
			Area required:	4 Sqm
	e.	Any other waste generated and its disposal.	No	
19		**POWER**		
	a.	Total Power Requirement - Operational Phase	6891 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	750 KVA – 4 Nos. with stack height of 7 m ARL.	
	c.	Details of Fuel used for DG Set	663 l/hr	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu. Wound transformer, solar water heaters, solar PV panels, timers for basement & corridor lighting, LED, VFDs in lifts, APFCR&energy efficient motors etc. The overall energy savings is around 26 %	
20		**PARKING**		
	a.	Parking Requirement as per norms (ECS)	858 No. of cars. (provided – 1094 No. of cars) 100 % i.e., 780 no. of EV charging facility will be provided.	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	**Road**	**Existing** / **Changed after Road Widening**
			FCI Main Road	0.18 - 'A' / 0.16 - 'A'
			Koralur	0.42 - 'C' / 0.20 -'B'

			ITPL	0.48 - 'C'	0.25 - 'B'
			➢ To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles . ➢ Proper pedestrian footpath must be constructed and barricaded for their safety. ➢ Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. ➢ Amber blinker lights will be used at the gate to caution vehicles which are moving out. Sign boards will also to be installed to this effect.		
	c.	Internal Road width (RoW)	18.28 m wide FCI Main Road		
21		**CER Activities**	Development works in Government Higher Primary School, Krishna Kuteer Road works, construction & maintenance works of nala		
22		**EMP** (Details and capital cost & recurring cost with cost of CER)	During Construction: Capital Investment – Rs. 26.14 Lakh Construction –Rs. 312.92 Lakh During Operation: Capital investment – Rs. 562.39 Lakh Operation Investment – Rs. 36.00 Lakh/annum CER - Rs. 150 Lakhs		

The Committee initially sought details regarding present site condition as per KML. Proponent informed the Committee that presently the proposed area is a vacant land and the earlier land owner had demolished the old warehouse and about 600nos of buiding stone has been given to nearby construction workers for their house construction and no construction work has been started by Proponent till date. The Committee noted the clarification. For the proposed activity SEAC had issued ToR on 22.01.2025.

The proposal is for construction of a residential apartment project in an area demarcated partially for residential use, parks and transport use as per RMP of BDA 2015, for which the Proponent informed that they had obtained conversion of land to residential purpose from DC.

The Committee during appraisal sought details regarding drainas per village map, road as per RMP of BDA and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary drain is south west, 15mtr buffer is proposed from the center of the drain and they have obtained permission from BBMP on 30.10.2024, for construction of bridge/culvert for the drain. Regarding harvesting rainwater, the Proponent informed the Committee that they have proposed rainwater storage structure of 3x100 cum capacity forrunoff from rooftop, hardscape and landscape areas along with 56 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for individual units for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 380 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 25 % of total parking with e-vehicle charging facility for residential development projects.
4. To provide roof top rainwater collection tank capacity of 3x100 cum & 56 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.29 Expansion of Commercial Complex – Office, Retail & Restaurant Project at Sree Dharmarayaswamy Temple Road, Bengaluru Urban District by M/s. Bux Ranka Developers Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/522026/2025 (SEIAA 91 CON 2025)

About the project:-

Sl.No.		Particulars	Information Provided by Propnent
1		Name & Address of the Project Proponent	Sri Nishant Ranka, Director M/s. Bux Ranka Developers Pvt. Ltd. Ranka Chambers, III Floor, No. 31, Cunningham Road, Bengaluru – 560 055.
2		Name & Location of the Project	Expansion of "Commercial Complex – Office, Retail & Restaurant" Project at Municipal No. 1/4 -1107, Sree Dharmarayaswamy Temple Road, Bengaluru Urban District.
3		Type of Development	
	a.	~~Residential Apartment/Villas/Row Houses /Vertical Development/~~Office~~/IT/ITES/Mall/ Hotel/Hospital /other~~	Commercial Complex – Office, Retail & Restaurant
	b.	Residential Township/ Area Development Projects	NA
	c.	Classification as per Zoning Authority	As per the BDA RMP - 2015, the proposed project site isdesignated as commercial (Business) Zone and commercial activity is permissible under this zone.
4		~~New~~/ Expansion/Modification/~~Renewal~~	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	There is no nala within 50 m radius of the project site. There is no lake/waterbodies/kunte within 30 m radius of the project site.
6		Plot Area (Sqm)	7,232.44 Sqm
7		Built Up area (Sqm)	51,130.91Sqm
8		FAR • Permissible value, with area in Sqm • Proposed Value, with area in Sqm	4.50 (32,545.98 Sqm) with TDR(Permissible as per Zoning regulation) 4.47 (32,360.16 Sqm)
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Expansion of Commercial complex with Office, Retail & Restaurant project distributed over 3BF+GF+16UFwith a maximum height of 74.95 m.
10		Number of units/plots (in case of Construction/ Residential Township/Area Development Projects)	NA
11		Height Clearance	As per HAL NOC permissible height is 80.7 m and proposed height is 74.95mtrs
12		Project Cost (Rs. In Crores)	Rs. 200Crores
13		Quantity of Excavated earth & its management plan	Total Excavated earth quantity – 65,800 m^3 For Backfilling – 20,000 m^3 For Landscaping – 4,000 m^3 For Driveway – 5,000 m^3 Excess will be given to BBMP approved C&D waste management vendors – 36,800 m^3
14		Details of Land Use (Sqm)	

	a.	Ground Coverage Area	2275.17 Sqm	
	b.	Kharab Land	-	
	c.	Total Green belt on Mother Earth	2170.00 Sqm	
	d.	Internal Roads	1510.51 Sqm	
	e.	Paved area		
	f.	Others Specify	Service Area – 815 Sqm Road Widening Area - 461.76 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	7232.44 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water	
	b.	Quantity of water for Construction in KLD	24 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	4.0 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	287 KLD
			Flushing	131 KLD
			Total	418 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	376 KLD	
	d.	STP capacity and Area required	STP Capacity – 400 KLD (area 400 Sqm)	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 129 KLD for construction works/ Avenue plantation.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump/tank to store Roof & Hardscape/soft scape run off	Roof Rain water sump - 275 Cum Storm water sump – 100 cum	
	b.	Nos of Ground water recharge wells	10 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 and in the worst rainfall, excess runoff will be discharged to the external storm water drain on eastern side of the site. Hence, it won't cause any flooding or water logging problems.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Construction & Demolition waster and its management.	Demolition waste: Nil Construction Waste: Construction debris generated from the whole project is 22 tons	

			and this will be handed over to BBMP approved C&D waste management vendors.	
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	Total quantity of solid waste generation is 10 kg/day. In which, 4 kg/day is the biodegradable waste & 6 kg/day is the non-biodegradable waste and this will be handed over to BBMP.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	Quantity:	640 kg/day
			Mode of Disposal:	This will be segregated at household levels and will be processed in proposed organic waste converter.
			Capacity of facility:	650 kg/day
			Area required:	80 Sqm
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity:	961 kg/day
			Mode of Disposal:	Recyclable wastes will be handed over to authorized waste recyclers.
			Area required:	10 Sqm
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity:	513 L/Annum (1.03 l/running hour)
			Mode of Disposal:	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
			Area required:	4 Sqm
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity:	4 ton/annum
			Mode of Disposal:	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
			Area required:	4 Sqm
	e.	Any other waste generated and its disposal.	No	
19		POWER		
	a.	Total Power Requirement -Operational Phase	3513.56 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2250 KVA – 3 Nos. (2 W + 1 S) Stack Height AGL – 30.0 m	
	c.	Details of Fuel used for DG Set	1493.10 l/hr	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Using LED, VFDs for lifts, HVAC system, for tenant AHU or AHU with Fan The overall energy savings is around 24.5 %	
20		PARKING		
	a.	Parking Requirement as per norms (ECS)	431 No. of cars. (provided – 461 No. of cars) (138 No. of EV Charging facility will be provided)	

			Roads	Existing	Changed Scenario after widening
			Mysore Bank	V/C-1.06 LOS-F	V/C-1.39 LOS-F
			Town Hall	V/C-0.89 LOS-E	V/C-1.10 LOS-F
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.	➢ To establish smooth entry & exit of vehicles, bell mouth shape geometry is provided at the gates. This ensures smooth transition for merging of vehicles. ➢ Proper pedestrian footpath must be constructed and barricaded for their safety. ➢ Merging of vehicles will be performed only to left traffic from the exit gates, this ensures safety. ➢ Amber blinker lights will be used at the gate to caution vehicles which are moving out. Sign boards will also to be installed to this effect.		
	c.	Internal Road width (RoW)	18.000 wide Mysore Road		
21		CER Activities	As suggested by SEAC - Rs. 1.0 Crore		
22		EMP (Details and capital cost & recurring cost with cost of CER)	Construction Phase: Capital Investment – 12.00 Lakh Construction –165.33 Lakh Operation Phase: Capital investment – 395.61 Lakh Operation Investment – 23.96 Lakh/annum		

The proposal is for expansion of residential development project for which EC was issued by SEIAA on 13.04.2018 for BUA of 40,408.86 Sqm in plot area of 7,230.14 Sqm and the present proposal is for BUA of 51,130.91 Sqm in plot area of 40,405.86 Sqm. The Proponent informed the Committee that they had not started any construction activities in reference to google images and present site photographs and justified for not submitting CCR. The Committee noted the details.

The proposal is for construction of a commercial complex with office, retail & restaurant in an area demarcated as commercial use as per RMP of BDA 2015.

The Committee during appraisal sought details regarding provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that regarding harvesting rainwater, they have proposed rainwater storage structure of 275 cum capacity forrunoff from rooftop and another tank of 100 cum capacity for runoff from hardscape and landscape areas and 10 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, to install aerators for conservation of water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 90 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following consideration,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 50% of total parking with e-vehicle charging facility for commercial development projects.
4. To provide roof top rainwater collection tank capacity of 275 cum, 100 cum & 10 recharge pits.
5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. **The PP shall explore the possibility of in-house C&D waste recycling facility.**
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.

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

327.2.30 Modification of Mixed Use Development Project at Plot No's 75, 76, 85, 86, 87, 88(P) and CA Plot which is Part of EPIP Industrial Area, Sy.No's 97, 98, 149, 150 and 151 of Hoodi Village, K.R. Puram Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Chalet Hotels Ltd. – Online Proposal No.SIA/KA/INFRA2/520628/2025(SEIAA 73 CON 2017)

The proposal is for issue of amendment to EC, issued by SEIAA on 17.04.2018 and corrigendum on 23.11.2021. As per the architect certificate dated 26.03.2025, construction of BUA of 1,69,153 Sqm is completed and had obtained CFO from KSPCB on 06.11.2023. The Proponent informed that due the market requirements in the present amendment they were requesting to use the constructed office space (Office Block- BF + GF+ 13UF (Hotel in 3rd to 6th Floors, 67 Rooms)) to hotel rooms (Hotel Block 2-BF + GF + 13 UF with 196 Rooms (3rd to 13 UF Hotel, 196 Rooms), they had applied for no change in total built up area or the plot area from the earlierissued Environmental clearanceandand requested the Committee to issue an amendment with the following changes,

No	Description	PROJECT DETAILS		
		EC obtained and corrigendum's obtained	After modification Proposal	Remarks
1	Project Proponent	M/s. Chalet Hotels Limited		-
2	Project location	Plot No's 75, 76, 85, 86, 87, 88 (P) and CA Plot which is Part of EPIP Industrial Area, Survey No's 97, 98, 149, 150 and 151 of Hoodi Village, K R Puram Hobli, Bangalore East Taluk, Bangalore.		No change
3	Activity	Mixed Use Development Project		No change
4	Total Plot Area	39,512 sq m		No change
5	Total Built up area	1,69,153.48 sq m		No change
6	Building configuration	▪ Hotel Block – BF + LG + GF + 1st Floor + Service Floor + 17th UF with 323 rooms. ▪ Office Block – BF + GF + 13 UF (Hotel in 3rd to 6th Floors, 67 rooms) ▪ Office Block – BF+ LG + GF + 1st + 2nd Floor ▪ IT Office & Retail Block – 2B + LG + GF + 1st Floor + 11 UF	Hotel Block 1 – BF + LG + GF + 1st Floor + Service Floor + 17th UF with 323 rooms Hotel Block 2 – BF + GF + 13 UF with 196 rooms Office Block – BF + LG + GF + 1st + 2nd Floor IT Office & Retail Block – 2B + LG + GF + 1st Floor + 11 UF	Office Block becomes completely Hotel Block 2, with additional rooms and without change in building configuration
7	Hotel Rooms	390 Rooms	519 Rooms	+ 129 Rooms
8	Water consumption	945 KLD	969 KLD	+ 24 KLD
9	Wastewater discharge	851 KLD	871 KLD	+ 20 KLD
10	Sewage Treatment Plant	650 KLD & 225 KLD (Laundry effluent is being outsourced and hence no ETP facility available)		No change (STP is adequate to handle the additional quantity of sewage generated due to modification)
11	DG capacity	9 x 1500 kVA		No change
12	Parking spaces	1724 cars		No change
13	Project Investment	Rs. 204.5 Crores	Rs. 274.5 crores	Rs. 70 Crores

The Committee noted the changes requested by Proponent for the amendment and after discussion decided to recommend the proposal to SEIAA for issue of amendment to EC with a condition that and all other conditions remain same and unchanged for the EC issued by SEIAA on 17.04.2018

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

327.2.31 ToR: Mixed Use Development "Goldfinch City" Project at Sy.Nos.7/3, 7/4, 7/5, 7/6, 7/7, 7/8, 7/9, 7/10, 7/11, 7/13, 7/14, 7/15, 7/16, 22/1, 22/2, 22/3, 22/3B, 22/3C, 22/4, 22/4C, 22/5, 22/6, 22/6B1, 22/6C, 22/7, 23/1 23/2, 24/1, 24/2, 24/3, 24/4, 25/1D, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6, 26/7, 26/8, 26/9, 26/10, 27/1, 27/2, 27/3, 27/4, 27/5, 27/6, 27/7, 27/8, 27/9A, 27/9B, 27/10A, 27/10B, 27/11, 28/6, 29/13 of BangraKulur Village and Sy.Nos.3/15, 4/1A, 4/1B, 4/2, 5/1, 5/2, 5/3, 5/4, 5/6, 5/8, 6/1, 6/2A2, 6/2B, 74/2, 75/* of Padukodi Village, MangaluruHobli, Mangaluru Taluk, Dakshina Kannada District by M/s. Trishul Buildtech and Infrastructures Pvt. Ltd. and Mrs. Asha Prakash Shetty – Online Proposal No.SIA/KA/INFRA2/530048/2025(SEIAA 150 CON 2024)

The proposal is for issue of amendment to ToR, issued by SEAC on 30.10.2024. The Proponent informed that due the market requirements in the present amendment they were requesting to use the constructed office space to hotel rooms, they had applied for no change in total built up area or the plot area from the earlierissued Environmental clearanceandand requested the Committee to issue an amendment with the following changes,

Sl. No.	Description	ToR Granted details	ToR Amendment Proposal	Remarks
1	Project proponent	M/s. Trishul Buildtech & Infrastructures Private Limited and Mrs. Asha Prakash Shetty		No changes
2	Activity	Mixed-use development project		No changes
3	Total Plot area	1,90,806 sq m	1,93,234 sq m	Plot area of 2,428 sq m added
4	Location	'Goldfinch City', Survey Numbers 7/3, 7/4, 7/5, 7/6, 7/7, 7/8, 7/9, 7/10, 7/11, 7/13, 7/14, 7/15, 7/16, 22/1, 22/2, 22/3, 22/3B, 22/3C, 22/4, 22/4C, 22/5, 22/6, 22/6B1, 22/6C, 22/7, 23/1, 23/2, 24/1, 24/2, 24/3, 24/4, 25/1D, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6, 26/7, 26/8, 26/9, 26/10, 27/1, 27/2, 27/3, 27/4, 27/5, 27/6, 27/7, 27/8, 27/9A, 27/9B, 27/10A, 27/10B, 27/11, 28/6, 29/13 Bangra Kulur Village and Survey Numbers 3/15, 4/1A, 4/1B, 4/2, 5/1, 5/2, 5/3, 5/4, 5/6, 5/8, 6/1, 6/2A2, 6/2B, 74/2, 75/* of Padukodi Village, Mangaluru Hobli, Mangaluru Taluk, Dakshina Kannada District, Karnataka - 575 013.		No changes. Additional land is added in survey number 23/2 Bangra Kulur Village.
5	Total Built-up area	7,44,006 sq m	7,90,111 sq m	The built-up area added is 46,105 sq m.
6	Residential Units	1399 units	1753 units	Additional 354 units are proposed

Sl. No.	Description	ToR Granted details	ToR Amendment Proposal	Remarks
7	Project Cost	Rs. 2400 Crores	Rs. 2524 Crores	Additional Rs. 124 Crores added
8	Water consumption in KLD	2246 KLD	2631 KLD	Additional 385 KLD is added
9	Waste-water generation in KLD	2133 KLD	2500 KLD	Additional 367 KLD is added.
10	Sewage Treatment Plant in KLD	2170 KLD (570 KLD, 480 KLD, 730 KLD, 155 KLD, 30 KLD, 115 KLD, 70 KLD & 20 KLD)	2515 KLD (570 KLD, 810 KLD, 730 KLD, 155 KLD, 30 KLD, 115 KLD, 70 KLD & 35 KLD)	Additional 345 KLD is added. (No new STP added, capacity increased)
11	Air pollution sources	Commercial development - 16 x 2250 kVA, 7 x 1500 kVA, 7x 1010 kVA, 1 x 625 kVA, 1 x 500 kVA Residential development - 12 x 750 kVA, 3 x 380 kVA, 1 x 250 kVA		There are no additional DG sets proposed, as the proposed ones are adequate.

Sl. No	Description	Gross Built-up area in sq m	Configuration	Units Remarks
1	Residential Block			
	Tower 1	29,910.3	B1 + P1 + P2 + GF + 34 UF	560
	Tower 2	29,910.3		
	Tower 3	29,910.3		
	Tower 4	29,910.3		
	Tower 5 - Assisted Living	12,090.12	B1 + P1 + P2 + GF + 13 UF	104
	Tower 6 - Assisted Living	12,090.12		
	Tower 7	1,21,178	B2 + B1 + P1 + P2 + P3 + P4 + GF + 35 UF	864
	Co-Living	9796.06	B2 + B1 + P1 + P2 + GF + 14 UF	225
	Club House - 1	3,425	GF + 2 UF	-
	Club House - 2	5,000	GF + 1 UF	Newly added
	Basements and Podium area	1,09,152	T1, T2, T3, T4 & Assisted Living (T5 & T6) = B1 + P1 + P2 and T7 & Co-living = B1 + B2 + P1 + P2 + P3 + P4	-
2	IT Block			
	Tower 1	47,072.55	B2 + B1 + P1 + P2 + P3 + P4 + P5 + GF + 18 UF	-
	Tower 2	45,875.2	B2 + B1 + P1 + P2 + P3 + P4 + P5 + GF + 22 UF	-
	Tower 3	72,789.71	B2 + B1 + P1 + P2 + P3 + P4 + P5 + GF + 20 UF	-
	Basements and Podium	98,444	-	-

Sl. No	Description	Gross Built-up area in sq m	Configuration	Units Remarks
3	Hotel Block	22,687.06	B1 + GF + 11 UF	145 Keys
4	Showroom	16,177.1	B1 + B2 + GF + MF + 3 UF	-
5	Mall and MLCP	68,628	B1 + LG + UG + 3 UF + 6 Levels of MLCP	Multiplex seating capacity - 1,155 seats
6	Convention Hall	20,422	B1 + GF + 1 UF	2100 Seats
7	MRG Office	1843	GF + 2 UF	-
8	Fire Station	743.21	GF + 1 UF	-
9	Hotel Block - 2 (Kitchen, Restaurant, Dispenser Bar)	3056.48	G + 2 UF	New block added
	Total Built-up area of the Project	7,90,111	-	-

The Committee noted the changes requested by Proponent for the amendmentand after discussion decided to recommend the proposal to SEIAA for issue of amendment to ToR.

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

327.2.32 Building Stone (M-Sand) Quarry Project at Sy.Nos.58/2, 58/3 & 58/4 of Animitnahalli Village, Malur Taluk, Kolar District (4-00 Acres) by Sri K. S. Venkateshappa – Online Proposal No.SIA/KA/MIN/234705/2021 (SEIAA 575 MIN 2021)

About the project:

Sl.No	Particulars	Information Provided by PP
1	Name & Address of the Projects Proponent	Sri K. S. Venkateshappa
2	Name & Location of the Project	Building Stone (M-Sand) Quarry Project at Sy.Nos.58/2, 58/3 & 58/4 of Animitnahalli Village, Malur Taluk, Kolar District (4-00 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government	Patta

	Revenue, Gomala, Private/Patta, Other]	
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton/Cum) Per Annum	1,53,131 Tonnes/annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.27 Crores (Rs.127 Lakhs)
9	Proved Quantity of mine/Quarry-Cu.m/Ton	13,11,121Tonnes (including waste)
10	Permitted Quantity Per Annum-Cu.m/ Ton	1,45,475Tonnes/annum (excluding waste)
11	CER Activities:	

Year	CER
1st	Providing solar power panels to the GLPS school at Animitnahalli Village, Malur Taluk, Kolar District
2nd	Rain water harvesting pits to Animitnahalli Village, Malur Taluk, Kolar District
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road with drainages
4th	Conducting E-waste dirive campaigns in GHPS at Animitnahalli Village, Malur Taluk, Kolar District
5th	Health camp to the GLPS school at Animitnahalli Village, Malur Taluk, Kolar District

12	EMP Budget	Rs. 34.40 lakhs (Capital Cost) & Rs. 7.15 lakhs (Recurring cost)
13	Forest NOC	16.06.2021
14	Quarry plan	26.07.2021
15	Cluster certificate	17.12.2024
16	Notification	08.07.2021
17	Revenue	29.05.2021

The Committee initially sought clarification regarding the proposed activity in the default ESZ of Kamasandra WLS. The Proponent informed the Committee that, as per Hon'ble SC directions in WP 202 of 1995 dated 03.06.2022, the Hon'ble SC had directed the following,

> *"44....(b) In the event, however, the ESZ is already prescribed asper law that goes beyond one kilometre buffer zone, thewider margin as ESZ shall prevail.* ***If such wider bufferzone beyond one kilometre is proposed under any statutory instrument for a particular national park orwildlife sanctuary awaiting final decision in that regard,then till such final decision is taken, the ESZ covering the area beyond one kilometre as proposed shall bemaintained.***
>
> *...(h) In respect of sanctuaries or national parks for which theproposal of a State or Union Territory has not been given,the 10 kilometres buffer zone as ESZ, as indicated in theorder passed by this Court on 4th December 2006 in thecase of Goa Foundation (supra) and also contained inthe Guidelines of 9th February 2011 shall beimplemented. Within that area, the entire set ofrestrictions concerning an ESZ shall operate till a finaldecision in that regard is arrived at."*

With reference to the Hon'ble SC directions, Proponent in thepresent case informed that the proposal of the State is sent to MoEF&CC on 01.03.2024 for issuing draft notification, wherein it is informed that the Eco-Sensitive Zone around the Kamasandra Wildlife Sanctuary extends from 1 km to 2.6 km and the default 10km buffer zone as ESZ do not apply to the current project area as the proposal of the State is sent to MoEF&CC on 01.03.2024 and as per the co-ordinates provided in the draft ESZ notification of Kamasandra WLS, the proposed project area is at a nearest distance of 5.04 Km out side ESZ of Kamasandra WLS and at a distance of 6.3 km from Kamasandra WLS. Further, the Proponent requested the Committee to consider the proposal in similar grounds of M/S. MARWA MINING

COMPANY with file number SEIAA 655 MIN 2021for grant of EC. The Committee noted the details and appraised the project with a condition to abide by the final out come of Hon'ble SC directions in WP 202 of 1995 and final notification of MoEF&CC regarding Kamasandra WLS, for which the Proponent agreed.

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that as per DMG letter dated 05.11.2024, soil excavated during leveling of site, were under the provisions of Rule 3(A)(A)(4) of KMMCR wherein, minor mineral remains, after self consumption for bonafide usage by the land owner from his land and if the land owner intends to sell or dispose excavated mineral, they shall pay an advance royalty, additional payment, contribution to DMF fund with valid mineral dispatch permits which shall not attract violation. The Committee noted the clarification of Proponent and appraised the project.

As per the cluster sketch there are 07 leases in radius of 500 mtr from the said lease out of which all 74 leases are exempted as leases were granted prior to 09.09.2013 and total area of applied lease is 4-00 Acres and hence the project is categorized as B2.

Considering the existing cart track road to a length of 243meters connecting lease area to the all-weather black topped roadand the Committee informed that the quarrying operation needs to be commenced after providing motarable the approach road to the quarry and road connecting crusherand should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 13,11,121 Tonns (including waste) and estimated the life of mine to be 9 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,131 Tonns/annum (including waste), with following consideration,

1. To provide all round barricade to a minimum height 3.0m with GI sheet fencing around the working area and also take necessary measures to minimize noise and vibration from the quarry area due to quarry blasting.
2. The PP should ensure the safety of working professionals and provide the personal protective equipment's to all the working people in the quarry area with control blasting (if applicable) and also should provide regular safety and occupational hazards training to all the workers and ensure the first aid box in the project as per the labor rules/acts. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
3. The PP shall provide basic facilities such as Potable drinking water, rest area, proper sanitary facilities for the colony/workplace as per the labor law. Wastewater and domestic solid waste generated should be disposed of in a scientific manner.
4. The PP shall grow trees all along the approach road & buffer zone during the first year of operation. About 400 nos per km either sides avenue plantations of local and native species to be planted in the first year of operation and maintained by providing the tree guard and regular watering.

5. The PP should ensure the motorable approach road to the quarry and sprinkle the water as and when required for dust suppression.
6. The topsoil if any should be stacked at earmarked site only and should not be kept unutilized for a period of more than 3 years. The topsoil should be used for reclamation and plantation
7. Any misrepresentations in regard to clarifications submitted by the Consultant on behalf of PP is also shall be held liable.
8. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.

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

DEIAA proposals for re-appraisal as per MoEF&CC OM 28.04.2023

327.2.1 Re-appraisal - Building Stone Quarry Project located at Sy.No.188 of Marle Village, Chikkamagalur Taluk & District (4-00 Acres) (QL No. 516R1) by Sri R. Mohan – Online Proposal No.SIA/KA/MIN/509128/2025 (SEIAA 48 MIN 2025 (D))

The proposal was earlier considered in 325th SEAC meeting, as the Proponent remained absent the proposal was deferred.

In the present meeting, as per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

327.2.34 Re-appraisal - Building Stone Quarry Project at Sy.No.107 (P) of U-Khanapur Village, Hukkeri Taluk, Belagavi District (6.00 Acres) (2.42 Ha) (Q.L. No.1622) by Sri Sunil Ashok Patil – Online Proposal No.SIA/KA/MIN/509192/2025 (SEIAA 111 MIN 2025 (D))

As per the initial decision, the Committee after discussion decided to defer the proposal for verifying the authenticity of the documents submitted by the environmental consultant.

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

WITH PERMISSION OF CHAIR

327.2.35 Proposed Medical College and Teaching Hospital Project at Dibbur Village, Hesaraghatta Hobli, Yelahanka Taluka, Bangalore by A. H. Memorial Educational Trust - – Online Proposal No.SIA/KA/INFRA2/529402/2025 (SEIAA 92 CON 2025)

About the project:

Sl.No.	Particulars	Information provided by Proponent.
1	Name & Address of the Project Proponent	Mr. Nissar Ahmed A. H. Memorial Educational Trust, Registered Office at: No.29, Albert Street, Richmond Town, Bangalore – 560 025.
2	Name & Location of the Project	Proposed Medical College and Teaching Hospital with 1200 Beds at Sy No. 17/1, 17/2, 18/1 and 18/4 of Dibbur Village, Hesaraghatta Hobli, Yalahanka Taluk, Bengaluru – 560064.

<table>
<tr><td>3</td><td colspan="2">Type of Development</td></tr>
<tr><td>a.</td><td>Residential Apartment/Villas/Row Houses/ Vertical Development/Office/ IT/ITES/Mall/ Hotel/Hospital /other</td><td>Medical College and Teaching Hospital Building Category 8(a)</td></tr>
<tr><td>b.</td><td>Residential Township / Area Development Projects</td><td>Building and Construction projects</td></tr>
<tr><td>c.</td><td>Classification as per Zoning Authority</td><td>Agricultural zone as per BIAAPA</td></tr>
<tr><td>4</td><td>New/Expansion/Modification/ Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Water Bodies/ Nalas in the vicinity of project site</td><td>-</td></tr>
<tr><td>6</td><td>Plot Area (Sqm)</td><td>15,681.52 Sqm</td></tr>
<tr><td>7</td><td>Built-up area (Sqm)</td><td>95,739.42 Sqm</td></tr>
<tr><td>8</td><td>FAR
• Permissible value, with area in Sqm
• ProposedValue, with area in Sqm</td><td>FAR
• Permissible = 3.25 (50964.94 Sqm)
• Proposed = 3.24 (50808.12 Sqm)</td></tr>
<tr><td>2.</td><td>Building Configuration [Number of Blocks/Towers/Wings etc., with Numbers of Basements and Upper Floors]</td><td>2BF+GF+7UF+TF</td></tr>
<tr><td>10</td><td>Number of units/plots (in case of Construction / Residential Township /Area Development Projects.)</td><td>1200 Beds</td></tr>
<tr><td>11</td><td>Height Clearance</td><td>28 M</td></tr>
<tr><td>12</td><td>Project Cost (Rs. In Crores)</td><td>160 Crores</td></tr>
<tr><td>13</td><td>Quantity of excavated earth& its Management Plan</td><td>56989 m^3 Soil excavated for laying the foundation is reused for filling and landscaping.
<table>
<tr><th>Particular</th><th>Basement Area m2</th><th>Dept h m</th><th>Quantity of Earth m3</th></tr>
<tr><td>Basement 1</td><td>9498.11</td><td>3</td><td>28494</td></tr>
<tr><td>Basement 2</td><td>9498.11</td><td>3</td><td>28494</td></tr>
<tr><td colspan="2">Total</td><td colspan="2">56989</td></tr>
</table>
<table>
<tr><th>Disposal</th><th>QTY in m3</th></tr>
<tr><td>Landscape development</td><td>2895.02</td></tr>
<tr><td>Filling of roads and pavement</td><td>8548.30</td></tr>
<tr><td>Compaction and Backfilling</td><td>1137.73</td></tr>
<tr><td>total excavated soil used in the site</td><td>22841.02</td></tr>
<tr><td>Used for filling low-laying sites</td><td>34147.61</td></tr>
</table></td></tr>
<tr><td>14</td><td colspan="2">Details of Land Use (Sqm)</td></tr>
<tr><td>a.</td><td>Ground Coverage Area</td><td>8,154.39 Sqm</td></tr>
<tr><td>b.</td><td>Kharab Land</td><td>0</td></tr>
<tr><td>c.</td><td>Total Green belt on Mother Earth</td><td>3,606.75 Sqm</td></tr>
<tr><td>d.</td><td>Internal Roads</td><td>1,568.15 Sqm</td></tr>
<tr><td>e.</td><td>Paved area</td><td></td></tr>
<tr><td>f.</td><td>Others Specify</td><td>-</td></tr>
<tr><td>g.</td><td>Parks and Open space in case of Residential Township/ Area Development Projects</td><td>2,353.23</td></tr>
</table>

	h.	**Total**	15,681.52	
15	**WATER**			
	I.	**Construction Phase**		
	a.	Source of water	Construction purpose: Tanker/Treated water from STP Domestic purpose: Near by borewells	
	b.	Quantity of water for Construction in KLD	30 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	3.6 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Modular STP	
	II.	**Operation Phase**		
	a.	Total Requirement of Water in KLD	Fresh Water	465
			Treated/flushing Water	281.5
			Total Water	746.5 KLD
	b.	Source of water	Borewells	
	c.	Wastewater generation in KLD	658.35 KLD	
	d.	STP capacity and Area required	750 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Used for Flushing, Gardening, driveway and pathway maintenance	
16	**Infrastructure for Rain Water harvesting.**			
	a.	Capacity of sump /tank /pond to store Roof & Hardscape /soft scape run off	400 KLD	
	b.	Nos of Ground water recharge pits	21 Nos	
17	**Storm water management plan**	400 KLD storage tank is provided to store rainwater. Water stored in a storage tank will be used for firefighting and domestic purposes after treatment.		
18	**Waste Management**			
	I.	**Construction Phase:**		
	a.	Quantity of Construction & Demolition waster and its management.	Construction Waste: 5744.37 Tons	

Construction Waste		
Construction waste generated	5744.37	MT
Composition of Construction waste	Quantity of waste MT	percentage
Soil, Sand & gravel	2067.97	36
Bricks & Masonry	1780.75	31
Concrete	1436.09	25
Metals	287.22	5
Wood	114.89	2
Others	57.44	1
Total	5744.37	100
(Source: TIFAC, 2001- Technology Information, Forecasting and Assessment Council)		

Construction and demolition (C&D) waste can be effectively reused and recycled in various ways to

			promote sustainability in construction projects. Recycled concrete and masonry can be crushed and used as aggregate for road sub-bases, pavements, and foundations, while undamaged bricks and tiles can be reused in masonry work or crushed for decorative purposes. Metals like steel and aluminium can be recycled into new structural components, and excavated soil and rock can be utilized for landscaping and backfilling.
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	None
	II.	**Operation Phase:**	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required)	Quantity: 1377 Kg/day Mode of Disposal: Organic waste Converter
	b.	Quantity of non-biodegradable waste generation and mode of Disposal as per norms	Quantity: 918 Kg/day Mode of Disposal: Disposed to authorized vendors
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity: 0.2 KL per annum of used oil and no. 18 of Oil filters Mode of Disposal: KSPCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	-
	e.	Any other waste generated and its disposal.	Biomedical Waste: 573.75 Kg /day Mode of Disposal: BMW will be collected separately as per the norms in coloured bins and disposed off through authorised bio medical waste disposal facility.
19	**POWER:**		
	a.	Total Power Requirement - Operational Phase	1 MW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	**Sl** / **Particular** / **Proposed** 1 / Boiler / 1500 Kg/hr boiler x 2 Nos 2 / DG Sets / 75 KVA x 1 nos 500 kVA x 1 Nos 702mkVA x 2 Nos 1500 KVA x 3 Nos 3 / Kitchen Exhaust / 2 Nos
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Percentage of savings: 44.3 % Energy conservation will be achieved by Power Saving In the Solar System, Solar Hot Water, Power Saving In Water Pumping, and Power Saving In the Common Facility.
20	**PARKING:**		
	a.	Parking Requirement proposed as per norms(ECS)	Car Parking Required = 652 Cars Car Parking Provided = 652 Cars

<table>
<tr><td></td><td>b.</td><td>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report and methods of improvement.</td><td>A "Excellent"</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>Proposed 6 m wide drive Way</td></tr>
<tr><td>21</td><td colspan="2">CER Activities</td><td>• As part of our commitment to Corporate Environmental Responsibility (CER) and social welfare, a thorough assessment of the designated site was conducted to evaluate its existing conditions and infrastructure requirements. Upon inspection, it was observed that the site is already well-developed, with no immediate need for additional infrastructure investments or modifications. This allows us to redirect our resources toward a more impactful cause that benefits the community.
• In light of this, a dedicated initiative has been launched to provide free medical treatment for women diagnosed with breast cancer and cervical cancer. These two forms of cancer are among the leading health concerns for women, often requiring timely intervention and financial assistance for proper treatment. Our initiative aims to alleviate the financial burden on affected women and their families by ensuring access to quality medical care, screenings, consultations, and necessary treatments.
• Through this initiative, we reaffirm our commitment to community welfare by prioritizing women's health and well-being. This program will not only support early diagnosis and treatment but also create awareness about cancer prevention and the importance of regular medical checkups. By addressing critical health challenges, we aspire to contribute positively to the lives of women in need, fostering a healthier and more empowered community.</td></tr>
<tr><td>22</td><td colspan="2">EMP (Details and capital cost & recurring costwith cost of CER)</td><td>• Construction phase:
<table>
<tr><th>S. No</th><th>Component</th><th>Particulars</th><th>Estimated Cost In Lakhs</th><th>Recurring Cost in Lakhs</th></tr>
<tr><td>1</td><td>Occupational Health-Personal Protective Equipment.</td><td>Safety Helmet, Safety Shoes, Reflective Vest, Dust mask, Ear plug, Ear Muff, Safety Goggles, Hand gloves, Full Body harness, Toilets, first aid</td><td>30</td><td>8.5</td></tr>
</table></td></tr>
</table>

		room, RO water etc.,		
2	Water Pollution control	Temporary arrangements to treat wastewater in Existing STP of Education buildings	5	1.5
3	Air Pollution Control	DG sets – stack, barricades, water sprinkling	20	6.5
4	Noise Pollution	Acoustic Enclosure for D.G. sets	15	4
5	Energy conservation	Installation of solar street lights, LED lights etc.,	10	3.5
6	Environmental Monitoring	Ambient Air, Noise, Soil, Treated & untreated water.	10	3
7	Waste Management	Disposal of Spent oil to authorized recycler.	10	3
Total			**100**	**30**

- Operation phase

S. No	Description	Financial provisions (Rs in Lakhs)	
		Capital Cost	Recurring cost
1	Construction of Sewage Treatment Plant	70	-
2	Construction of ETP	30	10.0
3	Rain Water Harvesting Tanks & its facilities	25	2.0
4	DG Sets stack	5	3.0
5	Landscaping	15	3.0
6	Solid Waste Management	30	1.0
7	Environment Monitoring Plan (Air, Noise, Water, Soil & solid waste)	1	1.0
	Total	**176**	**20**

The Committee initially sought clarification for the present site condition and adjacent constructions as per KML. The Proponent informed the Committee that the proposed area is a vacant land and no construction has been started and the construction outside the proposed area is an education institution of the A H Memorial Education Trust and the construction works is completed and the BUA is less than 1.5lakh Sqm and the education institution is a separate entity and has no connection to the proposed project of medical college and teaching hospital facility. The Committee noted the details.

The proposal is for construction of medical college & teaching hospital with 1200beds in an area earmarked for agriculture use as pr BlAAPA zoning regulations, for which the Proponent informed that they had obtained change of land use &conversion of land to education purpose.

The Committee during appraisal sought details regarding source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that regarding the source of water during operation they have conducted hydrogeology study by NABET accredited consultant V R Madhusudhan, informing that the total water requirement is 746.5 KLD out of which about 465 KLD of fresh water requirement would be met from 3 proposed borewellsin the proposed project area and 3 borewells in adjacent area of the Proponents property, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition, they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site areajustifying that drawing 465 KLD of ground water will not have significant impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 400Cum forrunoff from rooftop, hardscape and landscape areas along with 21 recharge pits within the site area. Regarding biomedical waste, Proponent informed that about 573.75kg/day of biomedical waste is expected to be generated and it will be handled as per the provisions of Biomedical Waste Management Rules 2016. The Committee noted the details.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to urban re-use standards, energy efficient plumbing system to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 380 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To establish Energy efficient wastewater treatment system with tertiary treatment to bring it to urban reuse standards and provide the additional filtrations collection tank for frequent cleaning due to accumulation of residual and colloidal organic matter.
2. To utilize a minimum of 25% of roof area for solar power generation.
3. To provide minimum 50% of total parking with e-vehicle charging facility for commercial development projects.
4. To provide roof top rainwater collection tank capacity of 400 cum and 21 recharge pits.

5. The tree species selected under this plantation should be native and will be moderately high, good foliage bearing and are able to trap dust and noise, greenbelt and green cover of 1 tree per 80 Smt. of plot area.
6. The project proponents design and build with suitable buffer from water bodies / drain & set back as per the local Planning Authority Byelaws and design the building layout plan with bell mouth entry and exit in the proposed project, also manage the internal/external traffic without causing the inconvenience to the public in the main road restrict the drop off and pickup as per the traffic management proposed in the project.
7. Install dual pipelines with energy efficient plumbing system to conserve water, also adopt the ECBC guidelines and BEE norms for building energy conservations. Explore the possibility of implementation of green building concepts.
8. The PP Mandatory to incorporate catalytic converter for DG sets with dual fuel option.
9. Corporate Environmental Responsibility (CER) should be a part of EMP cost, the CER shall be specific activity, time bound and should support the environment in compliance to the office memorandum dated 1st May 2018 (F.No. 22-65/2017-IA-III) and subsequent OM dated 30th September 2020, 20th October 2020 and 25th February 2021. The CER shall propose and submit as per the undertaking and template manual submitted.
10. The project proponents should comply with the MoEF&CC notified the Construction and Demolition Waste Management Rules, 2016 on 29th March, 2016. The PP shall explore the possibility of in-house C&D waste recycling facility.
11. The PP shall utilize the excavated soil/earth within the project site to the maximum possible extent, if not the excess excavated soil should be disposed as per the Excavated Soil Management Plan (ESMP) submitted.
12. The PP must ensure the adequate water supply to the project before the operation/occupancy of the project.
13. To comply with Biomedical Waste Management Rules 2016.

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

Meeting Concluded with vote of thanks to all.

08.04.25

Member Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka