

Proceedings of the 290th SEAC Meeting held on 24th, 25th January and 1st February 2023

Members present in the meeting

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

Officials present

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

The Chairman welcomed the members and initiated the discussion. The proceedings of the 289th SEAC meeting held on 12th and 13th of January 2023 was read and confirmed.

Fresh Projects

EIA Projects

290.1 Salapur Lift Irrigation Scheme Project at Near Chikkur Tanda Village, Mudhol Taluk, Bagalkot District by Karnataka Neeravari Nigam Ltd. - Online Proposal No.SIA/KA/RIV/82247/2020 (SEIAA 65 IND 2020)

The proponent remained absent under intimation. The committee decided to defer the appraisal of the project.

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

290.2 Ordinary River Sand Block Project in Block No.2 - Tunga River Bed at Dabbanagadde Village, Thirthahalli Taluk, Shimogga District (12-00 Acres) by Sri P. Venugopal - Online Proposal No.SIA/KA/MIN/412846/2021 (SEIAA 85 MIN 2020)

About the project:

Sl.No.	PARTICULARS	INFORMATION										
1	Name & Address of the Projects Proponent	Sri P. Venugopal										
2	Name & Location of the Project	Ordinary River Sand Block Project in Block No.2 - Tunga River Bed at Sy.No.17 of Dabbanagadde Village, Thirthahalli Taluk, Shimogga District (12-00 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 13°39'38.04"</td> <td>E 75°18'28.42"</td> </tr> <tr> <td>N 13°39'41.68"</td> <td>E 75°18'43.04"</td> </tr> <tr> <td>N 13°39'37.85"</td> <td>E 75°18'42.48"</td> </tr> <tr> <td>N 13°39'34.37"</td> <td>E 75°18'27.95"</td> </tr> </tbody> </table>	Latitude	Longitude	N 13°39'38.04"	E 75°18'28.42"	N 13°39'41.68"	E 75°18'43.04"	N 13°39'37.85"	E 75°18'42.48"	N 13°39'34.37"	E 75°18'27.95"
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N 13°39'37.85"	E 75°18'42.48"											
N 13°39'34.37"	E 75°18'27.95"											
3	Type Of Mineral	Ordinary RiverSand Block										
4	New / Expansion / Modification / Renewal	New										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, - Other]	Government										
6	Area in Acres	12-00 Acres										
7	Annual Production (Metric Ton / Cum) Per Annum	28,289 Tones / Annum(including waste)										
8	Project Cost (Rs. In Crores)	Rs. 0.60 Crore (Rs. 60 Lakhs)										
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	67,338 Tones (including waste)										
10	Permitted Quantity Per Annum - Cu.m / Ton	28,289 Tones / Annum(including waste)										
11	CER Activities: Propose take up 1,800 No. of additional plantation on either side of the approach road from quarry location to DabbanagaddeVillage Road and to construct one room to GHPS Thirthalli.											
12	EMP Budget	Rs. 11.50 Lakhs (Capital Cost) & Rs. 2.80 Lakhs (Recurring cost)										
13	Forest NOC	06.05.2022										
14	Quarry plan	17.02.2022										
15	Cluster Certificate	20.12.2019										
16	Revenue	10.10.2022										
17	DTF	10.01.2017										
18	P.H.	22.10.2021										
19	JIR	3 mtr										
20	Irrigation NoC	22.08.2022										

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 02.09.2020 and Public hearing was conducted on 22.10.2021.

The committee sought clarification from proponent regarding method of mining proposed in compliance to Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 not to use any machinery for excavation of sand, for which the proponent informed that they have proposed manual/semi mechanized method of mining and submitted undertaking that only manual method of mining would be carried out and submitted revised manpower requirement of 81 numbers against 18 numbers for annual production of 28,289 tons considering 180 working days and 157.16 ton/day capacity i.e 2 ton/man/day and assured to provide basic facilities in stock yard such as drinking water, toilet, first aid, rest shelter etc. as per Mines Act 1952. The committee accepted the clarification and appraised the project.

There is an existing cart track road to a length of 400 meters connecting the lease area to the all-weather black topped road and the committee informed that the mining operation should be commenced after cement concreting the approach road as per standard norms and the committee informed the proponent to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for excavation of sand as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out in-stream mining and the proponent agreed for all. Proponent informed the committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rain fall details. Further the committee sought clarification for dry weather flow, for which the proponent submitted google earth images of March 2018 and November 2021 showing dry weather flow and informed the committee that mining operations would be carried out only in dry weather conditions and also submitted spot levels of the proposed area for 20mtr interval.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee by considering the proved mineable reserve of 67,338 Tones (including waste) as per the approved quarry plan, after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 28,289 Tons/annum for 5 years (including waste), after due replenishment every year and with a condition to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020 and comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and accepts that if any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the proponent would be held responsible.

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



290.3 Pink Granite Quarry Project at Bandaragal Village, Kushtagi Taluk, Koppal District (17-37 Acres) by Sri Shrenik Kumar - Online Proposal No.SIA/KA/MIN/412995/2021 (SEIAA 548 MIN 2021)

About the project:

Sl.N o.	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri Shrenik Kumar																					
2	Name & Location of the Project	Pink Granite Quarry Project at Sy. Nos. 33/2, 33/3, & 33/4 of Bandaragal Village, Kushtagi Taluk, Koppal District (17-37 Acres) <table border="1"> <thead> <tr> <th>POINTS</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N15° 57' 54.8"</td> <td>E78° 01' 46.7"</td> </tr> <tr> <td>B</td> <td>N15° 57' 58.8"</td> <td>E78° 01' 48.1"</td> </tr> <tr> <td>C</td> <td>N15° 57' 37.8"</td> <td>E78° 01' 51.0"</td> </tr> <tr> <td>D</td> <td>N15° 57' 34.2"</td> <td>E78° 01' 57.3"</td> </tr> <tr> <td>E</td> <td>N15° 57' 33.5"</td> <td>E78° 01' 01.8"</td> </tr> <tr> <td>F</td> <td>N15° 57' 27.4"</td> <td>E78° 01' 00.8"</td> </tr> </tbody> </table>	POINTS	LATITUDE	LONGITUDE	A	N15° 57' 54.8"	E78° 01' 46.7"	B	N15° 57' 58.8"	E78° 01' 48.1"	C	N15° 57' 37.8"	E78° 01' 51.0"	D	N15° 57' 34.2"	E78° 01' 57.3"	E	N15° 57' 33.5"	E78° 01' 01.8"	F	N15° 57' 27.4"	E78° 01' 00.8"
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E	N15° 57' 33.5"	E78° 01' 01.8"																					
F	N15° 57' 27.4"	E78° 01' 00.8"																					
3	Type Of Mineral	Grey Granite Quarry																					
4	New / Expansion / Modification / Renewal	Renewal																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																					
6	Area in Acres	17-37 Acres																					
7	Annual Production (Metric Ton / Cum) Per Annum	90,000 Cum/ Annum (including waste)																					
8	Project Cost (Rs. In Crores)	Rs. 2.21 Crores (Rs. 221 Lakhs)																					
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	9,40,449 Cum (including waste)																					
10	Permitted Quantity Per Annum - Cu.m / Ton	9,000 Cum/ Annum (Recovery) 81,000 Cum/ Annum (waste)																					
11	CER Activities:																						
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td rowspan="2">Drinking water facility and overhead water tank to the GHPS school at Bandaragal village</td> </tr> <tr> <td>2</td> </tr> <tr> <td>3</td> <td rowspan="2">Construction of toilets along with overhead water tank & Borewell with power connection in Bandaragal School</td> </tr> <tr> <td>4</td> </tr> <tr> <td>5</td> <td>Renovation of temples at Bandaragal village</td> </tr> </tbody> </table>	Sr. No.	Activity	1	Drinking water facility and overhead water tank to the GHPS school at Bandaragal village	2	3	Construction of toilets along with overhead water tank & Borewell with power connection in Bandaragal School	4	5	Renovation of temples at Bandaragal village												
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3	Construction of toilets along with overhead water tank & Borewell with power connection in Bandaragal School																						
4																							
5	Renovation of temples at Bandaragal village																						
12	EMP Budget	Rs. 63.56 Lakhs (Capital Cost) & Rs. 54.63 Lakhs (Recurring Cost)																					
13	Forest NOC	08.08.2015																					
14	Quarry plan	01.07.2021																					
15	Cluster Certificate	30.08.2021																					
16	Revenue	13.08.2015																					
17	PH	19.08.2022																					

The proposal is for renewal of old lease which was granted on 14.11.1997 and the proponent had submitted audit report till 2021-22 certified from DMG dated 29.12.2022, as per which no working has been carried out since 2011-12. ToR was issued by SEIAA on 14.01.2022 and Public Hearing was conducted on 19.08.2022.

There is an existing cart track road to a length of 350 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after concreting the approach road to the quarry & the road connecting to the crusher as per standard norms & should grow trees all along the approach road during the first year of operation and also informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 9,40,449 cum (including waste) and estimated the life of mine to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA to issue Environmental Clearance for an annual production of 90,000 cum/ Annum(including waste) with a condition to abide by the compliances given to public for the requests made during public hearing.

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

290.4 Kadlur Sand Block Project at Kadlur Village, Raichur Taluk, Raichur District (20-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/404127/2021 (SEIAA 418 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	M/s. Hutti Gold Mines Company Ltd.															
2	Name & Location of the Project	Kadlur Sand Block Project at Sy. Nos.5, 369/1, 369/2, 370, 371 & 376 of Kadlur Village, Raichur Taluk, Raichur District (20-00 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>E-77° 16' 55.90"</td> <td>N-16° 24' 21.43"</td> </tr> <tr> <td>B</td> <td>E-77° 16' 56.58"</td> <td>N-16° 24' 17.46"</td> </tr> <tr> <td>C</td> <td>E-77° 17' 17.15"</td> <td>N-16° 24' 18.02"</td> </tr> <tr> <td>D</td> <td>E-77° 17' 18.29"</td> <td>N-16° 24' 22.30"</td> </tr> </tbody> </table>	Points	Longitude	Latitude	A	E-77° 16' 55.90"	N-16° 24' 21.43"	B	E-77° 16' 56.58"	N-16° 24' 17.46"	C	E-77° 17' 17.15"	N-16° 24' 18.02"	D	E-77° 17' 18.29"	N-16° 24' 22.30"
Points	Longitude	Latitude															
A	E-77° 16' 55.90"	N-16° 24' 21.43"															
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C	E-77° 17' 17.15"	N-16° 24' 18.02"															
D	E-77° 17' 18.29"	N-16° 24' 22.30"															
3	Type Of Mineral	Sand Block															

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	20-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	83,527 Tons/Annum(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.80 Crore (Rs. 80 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	83,527 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	66,821 Tons/Annum(recovery)
11	CER Activities:	
	Year	Location (CER)
	2022-23	Afforestation on both side of Krishna river, north of Kadlur sand block for 1 kms (5 mtrs on each side = 1 Ha)
	2024-25	Afforestation on both side of Krishna river, south of Kadlur sand block for 1 kms (5 mtrs on each side = 1 Ha)
12	EMP Budget	Rs. 3.00 Lakhs (Capital Cost) & Rs. 1.00 Lakh (Recurring cost)
13	Forest NOC	30.11.2022
14	Quarry plan	18.01.2022
15	Cluster Certificate	18.02.2021
16	Notification	30.07.2020
17	DTF	03.07.2020
18	P.H.	14.06.2022
19	JIR	3 mtr
20	Irrigation NoC	26.04.2022

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

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where in it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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




290.5 Mannuru Sand Block No BLY - OSB- 11 Project at Mannuru Village, Siraguppa Taluk, Ballri District (47-00 Acres) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/406220/2021 (SEIAA 425 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.															
2	Name & Location of the Project	Mannuru Sand Block No BLY - OSB- 11 Project at Sy.No.259 (P) of Mannuru Village, Siraguppa Taluk, Ballri District (47-00 Acres)															
		<table border="1"> <thead> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>E-76° 42' 42.7"</td> <td>N-15° 29' 19.7"</td> </tr> <tr> <td>B</td> <td>E-76° 42' 46.2"</td> <td>N-15° 29' 12.4"</td> </tr> <tr> <td>C</td> <td>E-76° 42' 19.5"</td> <td>N-15° 29' 02.1"</td> </tr> <tr> <td>D</td> <td>E-76° 42' 16.4"</td> <td>N-15° 29' 07.6"</td> </tr> </tbody> </table>	Points	Longitude	Latitude	A	E-76° 42' 42.7"	N-15° 29' 19.7"	B	E-76° 42' 46.2"	N-15° 29' 12.4"	C	E-76° 42' 19.5"	N-15° 29' 02.1"	D	E-76° 42' 16.4"	N-15° 29' 07.6"
Points	Longitude	Latitude															
A	E-76° 42' 42.7"	N-15° 29' 19.7"															
B	E-76° 42' 46.2"	N-15° 29' 12.4"															
C	E-76° 42' 19.5"	N-15° 29' 02.1"															
D	E-76° 42' 16.4"	N-15° 29' 07.6"															
3	Type Of Mineral	Sand Block															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government															
6	Area in Acres	47-00 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	97,913 Tones/annum (including waste)															
8	Project Cost (Rs. In Crores)	Rs. 1.50 Crore (Rs. 150 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,93,740 Tons (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	97,913 Tones/annum (including waste)															
11	CER Activities: <table border="1"> <thead> <tr> <th>Year</th> <th>CER Activities</th> </tr> </thead> <tbody> <tr> <td>2022-23</td> <td>Afforestation on both side of TB river near sand block for 1 kms towards east (5 mtrs on each side = 1 Ha)</td> </tr> <tr> <td>2024-25</td> <td>Afforestation on both side of TB river near sand block for 1 kms towards east (5 mtrs on each side = 1 Ha)</td> </tr> </tbody> </table>		Year	CER Activities	2022-23	Afforestation on both side of TB river near sand block for 1 kms towards east (5 mtrs on each side = 1 Ha)	2024-25	Afforestation on both side of TB river near sand block for 1 kms towards east (5 mtrs on each side = 1 Ha)									
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2024-25	Afforestation on both side of TB river near sand block for 1 kms towards east (5 mtrs on each side = 1 Ha)																
12	EMP Budget	Rs. 2.25 Lakhs (Capital Cost) & Rs. 2.00 Lakhs (Recurring cost)															
13	Forest NOC	13.01.2022															
14	Quarry plan	19.01.2022															
15	Cluster Certificate	15.12.2020															
16	Notification	17.08.2020															
17	DTF	31.07.2020															
18	P.H.	09.06.2022															
19	JIR	3 mtr															
20	Irrigation NoC	06.01.2022															

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 09.06.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where in it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.6 Mannuru Sand Block No BLY OSB 10 Project at Mannuru Village, Siraguppa Taluk, Ballri District (45-00 Acres) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/406185/2021 (SEIAA 426 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.															
2	Name & Location of the Project	Mannuru Sand Block No BLY OSB 10 Project at Sy.No.259 (P) of Mannuru Village, Siraguppa Taluk, Ballri District (45-00 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>E-76° 43' 06.4"</td> <td>N-15° 29' 28.5"</td> </tr> <tr> <td>B</td> <td>E-76° 43' 09.4"</td> <td>N-15° 29' 22.1"</td> </tr> <tr> <td>C</td> <td>E-76° 42' 46.5"</td> <td>N-15° 29' 11.8"</td> </tr> <tr> <td>D</td> <td>E-76° 42' 42.7"</td> <td>N-15° 29' 19.7"</td> </tr> </tbody> </table>	Points	Longitude	Latitude	A	E-76° 43' 06.4"	N-15° 29' 28.5"	B	E-76° 43' 09.4"	N-15° 29' 22.1"	C	E-76° 42' 46.5"	N-15° 29' 11.8"	D	E-76° 42' 42.7"	N-15° 29' 19.7"
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C	E-76° 42' 46.5"	N-15° 29' 11.8"															
D	E-76° 42' 42.7"	N-15° 29' 19.7"															
3	Type Of Mineral	Sand Block															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government															
6	Area in Acres	45-00 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	96,446 Tons for 3 years & 1,44,670 Tons for 2 years(including waste)															
8	Project Cost (Rs. In Crores)	Rs. 1.50 Crore (Rs. 150 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,89,340 Tons (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	96,446 Tons for 3 years & 1,44,670 Tons for 2 years(including waste)															
11	CER Activities:																

	Year	CER Activities
	2022-23	Afforestation on both side of TB river near sand block for 1 kms towards west (5 mtrs on each side = 1 Ha)
	2024-25	Afforestation on both side of TB river near sand block for 1 kms towards west (5 mtrs on each side = 1 Ha)
12	EMP Budget	Rs. 2.50 Lakhs (Capital Cost) & Rs. 2.00 Lakhs (Recurring cost)
13	Forest NOC	13.01.2022
14	Quarry plan	19.01.2022
15	Cluster Certificate	25.03.2021
16	Notification	17.08.2020
17	DTF	27.07.2020
18	P.H.	09.06.2022
19	JIR	3 mtr
20	Irrigation NoC	06.01.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 09.06.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where in it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.7 Yalapi Sand Block No.BLY-OSB-5 Project at Yalapi Village, Ballari Taluk, Ballri District (25-75 Acres) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/406940/2022 (SEIAA 424 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION																														
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.																														
2	Name & Location of the Project	Yalapi Sand Block No.BLY-OSB-5 Project at Sy. No.299 (P) of Yalapi Village, Ballari Taluk, Ballri District (25-75 Acres)																														
		<table border="1"> <thead> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>E-77° 02' 50.3"</td> <td>N-15° 06' 08.0"</td> </tr> <tr> <td>C2</td> <td>E-77° 02' 55.6"</td> <td>N-15° 06' 07.9"</td> </tr> <tr> <td>C3</td> <td>E-77° 02' 55.4"</td> <td>N-15° 05' 57.7"</td> </tr> <tr> <td>C4</td> <td>E-77° 02' 56.8"</td> <td>N-15° 05' 56.9"</td> </tr> <tr> <td>C5</td> <td>E-77° 02' 56.8"</td> <td>N-15° 05' 50.0"</td> </tr> <tr> <td>C6</td> <td>E-77° 02' 56.4"</td> <td>N-15° 05' 47.8"</td> </tr> <tr> <td>C7</td> <td>E-77° 02' 51.3"</td> <td>N-15° 05' 47.9"</td> </tr> <tr> <td>C8</td> <td>E-77° 02' 50.1"</td> <td>N-15° 05' 57.0"</td> </tr> <tr> <td>C9</td> <td>E-77° 02' 50.2"</td> <td>N-15° 05' 57.7"</td> </tr> </tbody> </table>	Points	Longitude	Latitude	C1	E-77° 02' 50.3"	N-15° 06' 08.0"	C2	E-77° 02' 55.6"	N-15° 06' 07.9"	C3	E-77° 02' 55.4"	N-15° 05' 57.7"	C4	E-77° 02' 56.8"	N-15° 05' 56.9"	C5	E-77° 02' 56.8"	N-15° 05' 50.0"	C6	E-77° 02' 56.4"	N-15° 05' 47.8"	C7	E-77° 02' 51.3"	N-15° 05' 47.9"	C8	E-77° 02' 50.1"	N-15° 05' 57.0"	C9	E-77° 02' 50.2"	N-15° 05' 57.7"
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3	Type Of Mineral	Sand Block
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	25-75 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	51,512 Tons for 3 years & 77,267 Tons for 2 years(including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.75 Crore (Rs. 75 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,54,537 Tons (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	51,512 Tons for 3 years & 77,267 Tons for 2 years(including waste)
11	CER Activities:	
	Year	Location (CER)
	2022-23	Afforestation on both side of Hagari river near Yapali for 1 kms (5 mtrs on each side = 1 Ha)
	2023-24	Afforestation on both side of Hagari river near Yapali for 1 kms (5 mtrs on each side = 1 Ha)
12	EMP Budget	Rs. 2.0 Lakhs (Capital Cost) & Rs. 2.0 Lakhs (Recurring cost)
13	Forest NOC	13.01.2022
14	Quarry plan	20.03.2021 & 19.01.2022
15	Cluster Certificate	25.03.2021
16	Notification	17.08.2020
17	DTF	31.07.2020
18	P.H.	14.06.2022
19	JIR	3 mtr
20	Irrigation NoC	03.01.2022

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

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where in it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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




290.8 Sports Stadium Complex Project at Sy. No. 88 of Rayanala Village, Hubli Taluk, Dharwad District by M/s.Hubballi Dharwad Smart City Ltd. - Online Proposal No.SIA/KA/INFRA2/402850/2022 (SEIAA 137 CON 2022)

The proposal is for construction of Sports Stadium complex in an area demarcated for Play ground, parks and open spaces as per Hubballi Dharwad Urban Development Authority, for a BUA of 59,111.46 Sqm in a plot area of 32,286.07 Sqm.

The committee noted that the proponent in the presentation had not incorporated details such as details of source of water and hydrological studies, water balance chart(during rainy and during non rainy seasons), details of rain water harvesting in order to minimize dependency on fresh water, types of waste generated and its handling (considering wastes generated from proposed hostel, PHC etc.), capacity of STP against total water requirements and its technology, provisions for ozone technology for proposed swimming pool, details of power requirement and quantity of total power requirement met through solar energy (including compliance to ECBC conditions) and land use pattern with details of proposed green belt and baseline data reports. Hence the committee after discussion decided to defer the appraisal of the project and informed the proponent to submit the details along with the budgetary provisions.

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

290.9 Additional Construction of Super Specialty Block Project at Avaragere Village, Davangere Taluk, Davangere District by M/s. Bapuji Hospital & J J Medical College ByBapuji Educational Association- Online Proposal No.SIA/KA/MIS/269739/2022 (SEIAA 53 CON 2022)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Bapuji Educational Association (SS Institute of Medical Science & Research Centre) AVK College Rd, Prince Jayachamaraja Wodeyar, Davanagere, Karnataka 577002
2	Name & Location of the Project	Additional Construction of Super Specialty Block for S.S. Institute of Medical Sciences & Research by Bapuji Educational Association, at Door No. 624, R.S.No. 210/2, 188/P, 190/1P3, 190/2, 191/P1, 191/1B2,191/1, 208/1P, 210/AP, 210/4, 210/5, 211/P7, 211/P, Avaragere Village, Davangere Taluk, Davangere District, Karnataka.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Construction of Super Speciality hospital Block Category 8(a) as per EIA Notification, 2006
	b. Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	NA														
6	Plot Area (Sqm)	72,209.79Sqm														
7	Built Up area (Sqm)	1,12,301.14Sqm (Existing Hospital facility : 46,585.29Sqm Existing Medical College Building : 52,256.84Sqm Proposed Super Specialty Hospital : 13,459.01Sqm)														
8	FAR • Permissible • Proposed	2.16 1.60														
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Super Specialty Hospital Building : 1 Ground Floor + 4 Upper Floor + Terrace Floor.														
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA														
11	Height Clearance in meters above sea level	Site Elevation in AMSL : 598 Permissible top elevation in AMSL : 611 Difference in meters : 13														
12	Project Cost (Rs. In Crores)	Rs. 224 Crores														
13	Disposal of Demolition waster and or Excavated earth	<table border="1"> <thead> <tr> <th>Details</th> <th>Quantity in m³</th> </tr> </thead> <tbody> <tr> <td>Quantity of excavated soil</td> <td>10,677.24</td> </tr> <tr> <td>Back filling for footings</td> <td>5,338.62</td> </tr> <tr> <td>Site filling required</td> <td>20.18</td> </tr> <tr> <td>Back filling for retaining wall</td> <td>136.79</td> </tr> <tr> <td>Top soil for Landscaping</td> <td>4354.75</td> </tr> <tr> <td>Filling for internal roads</td> <td>826.90</td> </tr> </tbody> </table>	Details	Quantity in m ³	Quantity of excavated soil	10,677.24	Back filling for footings	5,338.62	Site filling required	20.18	Back filling for retaining wall	136.79	Top soil for Landscaping	4354.75	Filling for internal roads	826.90
Details	Quantity in m ³															
Quantity of excavated soil	10,677.24															
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Site filling required	20.18															
Back filling for retaining wall	136.79															
Top soil for Landscaping	4354.75															
Filling for internal roads	826.90															
14	Details of Land Use (Sqm)															
a.	Ground Coverage Area	34,883.00 sq.m														
b.	Kharab Land	--														
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	23,829.23 sq.m														
d.	Internal Roads	13,497.56 sq.m														
e.	Paved area															
f.	Others Specify	-														
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA														
h.	Total	72,209.79 sq.m.														
15	WATER															

I.	Construction Phase	
a.	Source of water	From nearby treated water suppliers
b.	Quantity of water for Construction in KLD	50KLD
c.	Quantity of water for Domestic Purpose in KLD	10KLD
d.	Waste water generation in KLD	8 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 65.4
		Recycled 52.76+79.50
		Total 198.00
b.	Source of water	Gram Panchayat
c.	Waste water generation in KLD	188.1KLD
d.	STP capacity	210 KLD
e.	Technology employed for Treatment	SBR Technology
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	648cu.m
	No's of Ground water recharge pits	214 Nos.
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Per capita of waste generated = 257.0 kg/day Separate collection bins will be used for Organic and inorganic waste. Organic waste Will be converted in organic convertor. Inorganic solid waste will be handed over to Authorized recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	154.2 kg/day. Biodegradable waste will be converted in organic convertor.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	102.8 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
d.	Quantity of E waste generation and	E-waste generation to be handed over to

	mode of Disposal as per norms	authorized agencies.												
19	POWER													
a.	Total Power Requirement - Operational Phase	1500 kVA												
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 1000 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	<ul style="list-style-type: none"> • Solar Power Generation : • In non-monsoon season 350kWH x 30 x 8Months = 84,000 kWH • In monsoon season 150kWH x 30 x 4Months = 18,000 kWH • Total SPV Power Generation in a year =1.02 L kWH / Annum.....(b) • Total Solar Energy utilization (Energysaving using solar heater and solar PV) in a year = 1.02 L / Annum(c) • Total energy savings = 23.28% 												
20	PARKING													
a.	Parking Requirement as per norms	310 ECS.												
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS : B												
c.	Internal Road width (RoW)	3.0 m												
21	CER Activities	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Rainwater harvesting pits to GHPS of Avaragere village</td> </tr> <tr> <td>2nd</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>3rd</td> <td>Solar panels provision in Government higher secondary school Avaragere</td> </tr> <tr> <td>4th</td> <td>Health camp in GHPS of Avaragere</td> </tr> <tr> <td>5th</td> <td>village</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1 st	Rainwater harvesting pits to GHPS of Avaragere village	2 nd	Scientific support and awareness to local farmers to increase yield of crop and fodder	3 rd	Solar panels provision in Government higher secondary school Avaragere	4 th	Health camp in GHPS of Avaragere	5 th	village
Year	Corporate Environmental Responsibility (CER)													
1 st	Rainwater harvesting pits to GHPS of Avaragere village													
2 nd	Scientific support and awareness to local farmers to increase yield of crop and fodder													
3 rd	Solar panels provision in Government higher secondary school Avaragere													
4 th	Health camp in GHPS of Avaragere													
5 th	village													
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	EMP (Construction & Operation) <table border="1"> <thead> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 165.7 lakhs</td> <td>Recurring Cost Per Annum =15.75 lakhs</td> </tr> <tr> <td>Capital Cost = 590.0 lakhs</td> <td>Capital Cost = 65.28 lakhs</td> </tr> </tbody> </table>	Operation Phase	Construction Phase	Recurring Cost Per Annum = 165.7 lakhs	Recurring Cost Per Annum =15.75 lakhs	Capital Cost = 590.0 lakhs	Capital Cost = 65.28 lakhs						
Operation Phase	Construction Phase													
Recurring Cost Per Annum = 165.7 lakhs	Recurring Cost Per Annum =15.75 lakhs													
Capital Cost = 590.0 lakhs	Capital Cost = 65.28 lakhs													

The proposal is for expansion of hospital building with total beds of 305nos. The proponent informed that in the proposed plot area of 72,209.79Sqm there is an existing hospital building of BUA 46,585.29 Sqm which was constructed prior to EIA Notification 2006 and hence exempted from EC. Existing medical college building of 52,256.84Sqm which is exempted from EC as educational buildings up to BUA of 1,50,000 sqm area are exempted and have presently proposed for a super specialty hospital building with BUA of 13,459.01Sqm there by summing a total BUA

of 1,12,301.14 Sqm. The proponent informed that for existing buildings they had obtained CFO from KSPCB dated 10.03.2022. Existing building BUAs of 46,585.29 Sqm and 52,2256.84 Sqm are supported by architect certificate dated 15.11.2022.

The committee during appraisal sought provisions for harvesting rain water in the proposed area. For harvesting rain water, the proponent has proposed 648 cum capacity of tank for runoff from rooftop and for the runoff from landscape areas 214 number of recharge pits have been proposed within the site area.

The proponent informed that they have made provisions to grow a total of 451 trees in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.10 Residential Apartment with Club House Project at Gonighattapura Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District by Mr. Nanja Reddy - Online Proposal No. SIA/KA/INFRA2/409744/2022 (SEIAA 176 CON 2022)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Nanja Reddy Owner, No. 59, Bikkanahalli Village, Sarjapura Circle Via, Bengaluru - 562 125
2	Name & Location of the Project	Development of "Residential Apartment with Club House" Project.Sy. Nos. 90/2A, 90/2B, 90/3, 90/4, 90/5, 90/6, 90/7, 90/8, 90/9, 91/4, 91/5, 91/6, 91/7, 91/8 & 91/9, Gonighattapura Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District-562 125.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential units with Club House Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	--
6	Plot Area (Sqm)	18,084.38Sqm

7	Built Up area (Sqm)	62,722.20Sqm
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.50 2.49
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Wing A, B, C &D distributed over Podium 1+Podium 2+12UFwith
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	400 nos.
11	Height Clearance	As per CCZM map, the permissible height is 139.5 m AMSL and the height achieved for this proposed building is 43.20 m
12	Project Cost (Rs. In Crores)	Rs.134.98Crores
13	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity -9,365m ³ For Backfilling & site formation - 4,227m ³ For Landscaping - 5,138 m ³
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7,804.40Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,138.80Sqm
d.	Internal Roads	3,135.11 Sqm
e.	Paved area	
f.	Others Specify	CAarea - 904.22 Sqm Road widening area - 1,101.85 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	18,084.38Sqm
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	29 KLD
c.	Quantity of water for Domestic Purpose in KLD	9 KLD
d.	Waste water generation in KLD	7.2 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected in collection tank and treated in mobile STP.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 212KLD

		Flushing	107KLD
		Total	319KLD
b.	Source of water	Neriga Gram Panchayath	
c.	Wastewater generation in KLD	255 KLD	
d.	STP capacity	STP Capacity -280KLD	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	Excess 107KLD for construction works/Avenue plantation.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	145Cum	
b.	No's of Ground water recharge pits	13Nos.	
17	Storm water management plan	<p>Water pond of 100 cum capacity will be provided.</p> <p>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 southern side of the project site.</p>	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	<p>As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors</p> <p>Construction debris -31 m³</p> <p>This will be reused within the site for road and pavement formation.</p>	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	<p>375kg/day</p> <p>This will be segregated at household levels and will be processed in proposed organic waste converter.</p>	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	<p>563kg/day</p> <p>Recyclable wastes will be handed over to authorized waste recyclers</p>	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	<p>Waste Oil Generation:205 L/Annum (0.41 L/ running) hour of DG</p> <p>Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.</p>	
d.	Quantity of E waste generation and mode of Disposal as per norms	<p>E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.</p>	
19	POWER		

a.	Total Power Requirement -Operational Phase	1474kVA		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	350 KVA – 1 No. & 500 kVA – 1 No.		
c.	Details of Fuel used for DG Set	178.09l/hr		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 26 %		
20	PARKING			
a.	Parking Requirement as per norms	440 ECS		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Changed
		Approach Road	A	A
		Ittanguru Road	A	A
c.	Internal Road width (RoW)	18 m wide existing Approachroad		
21	CER Activities	Development of Neriga Lake		
22	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 5.38Lakh Construction – 59.53Lakh During Operation: Capital investment – 147.00Lakh Operation Investment – 19.0 Lakh/annum		

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per Anekal Town Planning Authority.

The committee during appraisal sought clarification for foot kharab as per village map and provisions made for harvesting rain water. The proponent informed that the foot kharab is rerouted to project boundary as per DC Order dated 19.11.2022 and for harvesting rain water, they have proposed tanks of 145 cum for runoff from rooftop and a pond of capacity 100cum for runoff from landscape and paved areas in addition to 13 nos. recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow a total of 226 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.11 Residential Apartment with Club House at Sorahunase Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. SSVR Builders - Online Proposal No.SIA/KA/INFRA2/408901/2022 (SEIAA 172 CON 2022)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mrs. N. Rajyalakshmi, Managing Partner M/s. SSVR Builders, No. 99/2, Nagondanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru – 560 087.
2	Name & Location of the Project	Development of "Residential Apartment with Club House" Project. BBMP Khatha Nos. 932, Sy. Nos. 6/3, 6/8, 6/9, 6/13, 7/2 & 7/3, Sorahunase Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru – 560 087
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential units with Club House Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	--
6	Plot Area (Sqm)	19,544.95Sqm
7	Built Up area (Sqm)	70,481.21Sqm
8	FAR • Permissible • Proposed	2.50 2.49
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A & B distributed over BF+GF+14UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	443 units
11	Height Clearance	As per CCZM map, the permissible height is 56 m AMSL and the height achieved for our proposed building is 44.71 m
12	Project Cost (Rs. In Crores)	Rs.151.68Crores
13	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity –45,967m ³ For Backfilling – 14,443 m ³ For Landscaping – 10,715 m ³ For Driveway & hardscape – 13,220 m ³

		For site formation – 7,589 m ³	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	4,024.45Sqm	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,143.50Sqm	
d.	Internal Roads	6,458.73Sqm	
e.	Paved area		
f.	Others Specify	Services area – 114.57 Sqm Surface Parking area – 1,803.70 Sqm	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
h.	Total	19,544.95Sqm	
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	33KLD	
c.	Quantity of water for Domestic Purpose in KLD	9KLD	
d.	Waste water generation in KLD	7.2 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected in collection tank and treated in mobile STP.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	231 KLD
		Flushing	117KLD
		Total	348KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	278 KLD	
d.	STP capacity	300KLD	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	Excess 104KLD for construction works/Avenue plantation.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	140Cum	
b.	No's of Ground water recharge pits	14Nos.	
17	Storm water management plan	water pond of 150 cum capacity will be provided. 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 western side of the project site.				
18	WASTE MANAGEMENT					
	I. Construction Phase					
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -35 m ³ This will be reused within the site for road and pavement formation.			
	II. Operational Phase					
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	409kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.			
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	614kg/day Recyclable wastes will be handed over to authorized waste recyclers			
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:243 L/Annum (0.486 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	POWER					
	a.	Total Power Requirement - Operational Phase	1580 kVA			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 2 Nos.			
	c.	Details of Fuel used for DG Set	209.52 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 Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 25 %			
20	PARKING					
	a.	Parking Requirement as per norms	522 ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
			Muthsandra Main Road		A	A
			SH35		B	A

c.	Internal Road width (RoW)	18.20 m wide existing Sorahunase road
21	CER Activities	Development of Govt. Higher Primary School, Sorahunase
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital Investment – 6.48Lakh Construction – 70.15Lakh During Operation: Capital investment – 156.30Lakh Operation Investment – 19.0 Lakh/annum

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details for provisions made for harvesting rain water. The proponent informed that for harvesting rain water, they have proposed tanks of 140 cum for runoff from rooftop and a pond of capacity 150 cum for runoff from landscape and paved areas in addition to 14 nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 283 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.12 Expansion of “Residential Apartment and a Club House” Project at Muthanallur Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District by M/s. Nambiar Enterprises LLP - Online Proposal No.SIA/KA/INFRA2/404629/2022 (SEIAA 149 CON 2022)

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Mr. Kovvuri Pavan Kumar Reddy Designated Partner M/s. Nambiar Enterprises LLP, 2 nd Floor, PR Business Centre, Outer Ring Road, Kadubeesanahalli, Marathahalli Post, Bengaluru – 560 037.

2.	Name & Location of the Project	Expansion of Residential Apartment and Club House Project at Sy. Nos. 128/1,128/2,128/4,128/5,128/6,131/3,131/4 & 131/7, Muthanallur Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District - 560 099.
3.	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and Club House Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4.	New/Expansion/ Modification/ Renewal	Expansion
5.	Water Bodies/ Nalas in the vicinity of project site	There is a water body adjacent (northern side)
6.	Plot Area (Sqm)	27,821.90Sqm
7.	Built Up area (Sqm)	89,547.94 Sqm
8.	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.249
9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower-A, C & D with configuration of BF+GF+14UF, Tower B in BF+GF+9UF and club house
10.	Number of units/plots in case of Construction /Residential Township/Area Development Projects	604 units
11.	Height Clearance	Obtained NOC from Airport Authority of India, the permissible height is 53 m AMSL, as per CCZM map the permissible height is 143 m AMSL and the height achieved for proposed expansion building is 44.975 m.
12.	Project Cost (Rs. In Crores)	Rs.189.4 Crores
13.	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity – 30,183m ³ For Backfilling - 8452m ³ For Landscaping – 11750 m ³ For driveway formation– 8429 m ³ For site formation – 1552 m ³
14.	Details of Land Use (Sqm)	
	a. Ground Coverage Area	8,037.17 Sqm
	b. Kharab Land	--
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	9,791.07 Sqm
	d. Internal Roads	8,429.31 Sqm
	e. Paved area	--

f.	Others Specify	CA Area – 1,391.40 Sqm & Road widening area – 172.95 Sqm						
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-						
h.	Total	27,821.90 Sqm						
15.	WATER							
I.	Construction Phase							
a.	Source of water	The domestic water requirement will be met from external water suppliers and water requirement for construction purpose will be met by STP tertiary treated water.						
b.	Quantity of water for Construction in KLD	43 KLD						
c.	Quantity of water for Domestic Purpose in KLD	09 KLD						
d.	Waste water generation in KLD	08KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected in soak pit.						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>313 KLD</td> </tr> <tr> <td>Recycled</td> <td>160 KLD</td> </tr> <tr> <td>Total</td> <td>473 KLD</td> </tr> </table>	Fresh	313 KLD	Recycled	160 KLD	Total	473 KLD
Fresh	313 KLD							
Recycled	160 KLD							
Total	473 KLD							
b.	Source of water	Muthanallur Gram Panchayath						
c.	Wastewater generation in KLD	426KLD						
d.	STP capacity	STP Capacity – 450 KLD						
e.	Technology employed for Treatment	Sequential Batch Reactor Technology						
f.	Scheme of disposal of excess treated water if any	Excess 160KLD will be used for avenue plantation/construction works.						
16.	Infrastructure for Rain water harvesting							
a.	Capacity of sump tank to store Roof run off	270m ³						
b.	No's of Ground water recharge pits	18Nos.						
17.	Storm water management plan	Runoff from hardscape will be collected in existing pond of capacity 135cum. 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.						
18.	WASTE MANAGEMENT							
I.	Construction Phase							
a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid waste generated from the labour colony would be minimum and will be handed over to local vendors Construction debris – 46 m ³ This will be reused within the site for road and pavement formation.						

II. Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	710 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.		
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1064kg/day Recyclable wastes will be handed over to authorized waste recyclers.		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:116 L/Annum (0.23L/ running hour of DG's) Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.		
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.		
19. POWER				
a.	Total Power Requirement -Operational Phase	2262 kVA		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	160 kVA – 1 No. 500 kVA – 2 No.		
c.	Details of Fuel used for DG Set	116 l/hr		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Lights, solar water heater, Cu wound transformer, LED, electronic ballast and VFD and pumps etc. The overall energy savings is around 17 %		
20. PARKING				
a.	Parking Requirement as per norms	771 ECS		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road Towards	Existing	Changed after road widening
		Muthanallur Road	0.38 B	0.3B
c.	Internal Road width (RoW)	12.12 m wide existing Muthanallurroad.		
21.	CER Activities	Development work of water body adjacent to project site.		
22.	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 6.00Lakh Construction – 86.72 Lakh During Operation: Capital investment – 234.3Lakh Operation Investment – 28.5 Lakh/annum		

The proposal is for modification and expansion of residential apartment building, for which SEIAA had issued EC on 03.08.2021 for BUA of 49,464.62 Sqm in a plot area of 15,529.68 Sqm and now it is proposed for BUA of 89,547.94 Sqm in a plot area of 27,821.9 Sqm. The proponent informed

that they had obtained CCR from MoEF&CC on 26.12.2022 and informed that the project is in preliminary stages and only basement slab and footing work was under progress.

The committee during appraisal sought clarification for water body as per village map and provisions made for harvesting rain water. The proponent informed the committee that for the water body in northern side, a buffer of 10mtrs is proposed from edge as per Anekal Planning authority. For harvesting rain water, the proponent has proposed tank of 270cum total capacity for runoff from rooftop and an additional tank of 135cum for runoff from landscape and paved areas in addition to 18nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to provide smart water meter facilities for conservation of water, for which the proponent agreed.

The proponent informed that they have made provisions to grow a total of 348 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the observation in CCR issued by MoEF&CC.

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

290.13 Design Modification of Residential Towers – Crescent & Lucent Project at Derebail Village and Mangaluru Taluk, Dakshina Kannada District by M/s. Mohtisham Complexes Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/409281/2022 (SEIAA 173 CON 2022)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. S.M. Arshad(Managing Director) Address: M/s. Mohtisham Complexes Pvt. Ltd. 6 th and 7 th Floor“ Empire Mall”, M.G. Road Mangalore – 575003
2	Name & Location of the Project	Name: ‘Crescent & Lucent’ – Residential Project Location: Sy.no. 45/3 & 43/3, Derebail Village, Mangalore Taluk, Dakshina Kannada District
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Project Category 8(a) Building and Construction Projects as per EIA Notification, 2006
b.	Residential Township/ Area	Not applicable

Sl. No	PARTICULARS	INFORMATION
	Development Projects	
4	New/ Expansion/ Modification/ Renewal	Modification and expansion
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	8,701.05Sqm
7	Built Up area (Sqm)	42,448.85Sqm
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	4.30 3.53
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1: Basement + Ground + 15 Floors + Terrace Floor Tower 2: 2 Basements + Ground + 15 Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	310nos
11	Height Clearance	As per CCZM Permissible: 135 m Proposed: 44.85 m
12	Project Cost (Rs. In Crores)	Rs. 96.41 Cr.
13	Disposal of Demolition waste and or Excavated earth	2,910.6Cu.mcutting and 2,083.35 Cu.m filling is involved in the project. The disposal will be at designated place suggested by MCC.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,497.85 Sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	1,920 Sq.m
d.	Internal Roads	4,283.20Sq.m
e.	Paved area	
f.	Others Specify	1,240.64 Sq.m– Surface parking area
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	8,701.05 Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Open well at site
b.	Quantity of water for Construction in KLD	45.5KLD
c.	Quantity of water for Domestic Purposes in KLD	4.5KLD

Sl. No	PARTICULARS	INFORMATION	
d.	Wastewater generation in KLD	3.6KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Disposal in the UGD line of MCC and treatment.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	152 KLD
		Recycled	90 KLD
		Total	242 KLD
b.	Source of water	Mangalore City Corporation (MCC)	
c.	Wastewater generation in KLD	204 KLD	
d.	STP capacity	225kld KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	93 kld excess treated will be disposed off in the UGD line of MCC after treatment.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	A Sump tank of 70Cu.m capacity	
b.	No's of Ground water recharge pits	25	
17	Storm water management plan	<p>No major construction activities will be carried out during rainy season. In case there is water accumulation at the site, it will be locally drained in the storm water drain using small capacity pumps after particulate settlement.</p> <p>All potential contaminants such as lime, paints, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the storeroom which will be closed type with no chance of rainwater meeting the material.</p>	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	<ul style="list-style-type: none"> ▪ Domestic Waste(10 kg/day) – shall be sent to MSW site. ▪ Construction Waste (approx.1700 MT)- Shall be segregated and reused within the Project site to the extent possible. Rest will be sold to recyclers (Proper facility for storage of construction wastes will be made at Project site). ▪ Plastic waste – to be sold to recyclers. 	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	381kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) depending up on the requirement for horticulture and will be sent to Common MSW Management Facility	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	305kg/day - Recyclable waste shall be sold to recyclers.	

Sl. No	PARTICULARS	INFORMATION
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste will be stored at a designated place and disposed through registered recyclers.
19	POWER	
a.	Total Power Requirement - Operational Phase	683 KW from MESCOM
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 DG sets of 500 kVA 300 kVA each
c.	Details of Fuel used for DG Set	HSD – 160 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> ▪ Solar panels on the roof tops (generating approx. 62.15 kW power). ▪ Installation of energy saving luminaries, motors pumps etc. 15.14% of Energy savings through energy saving measures and use of Solar PVs
20	PARKING	
a.	Parking Requirement as per norms	397ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS :B
c.	Internal Road width (RoW)	6 m
21	CER Activities	
	Sr. No	Activity proposed
	1	Construction of One Bus shelter in the City & Service Bus terminal at Hampankatta with sanitary facilities
	2	Towards part of software being developed by MCC for TDR transactions
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	Construction Phase Rs.: 15.7Lakhs Operation Phase Rs. 126.5Lakhs and 40.4lakhs recurring cost.

The proposal is for modification and expansion of residential apartment building, for which SEIAA had issued EC on 28.07.2015 for BUA of 40,349.36 Sqm in a plot area of 8,701.05 Sqm and now it is proposed for BUA of 42,448.85 Sqm with no change in plot area. The proponent informed that they have not started any construction activity till date and justified the same as per google image and site photos and with an architect certificate dated 21.01.2023.

The committee during appraisal sought details regarding the provisions made for harvesting rain water. The proponent informed the committee that for harvesting rain water, the proponent has proposed a tank of 120cum total capacity for runoff from rooftop and an additional tank of 70cumfor

runoff from landscape and paved areas in addition to 25nos recharge pits within the project area. Further the committee informed the proponent to manage excess drainage water within the site area and to provide smart water meter facilities for conservation of water, for which the proponent agreed.

The proponent informed that they have made provisions to grow total of 110 trees and to provide charging facility for electrical vehicles in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.14 Grey Granite Quarry Project at Shettikallu Village, Mulbagal Taluk, Kolar District (6-00 Acres) (QL. No. 849) by M/s. Sunrock Company - Online Proposal No.SIA/KA/MIN/287716/2022 (SEIAA 358 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION																		
1	Name & Address of the Projects Proponent	M/s. Sunrock Company																		
2	Name & Location of the Project	Grey Granite Quarry Project at Sy. No. 60 of Shettikallu Village, Mulbagal Taluk, Kolar District (6-00 Acres) (QL. No. 849)																		
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 6' 24.35"</td> <td>E 78° 30' 12.60"</td> </tr> <tr> <td>B</td> <td>N 13° 6' 27.71"</td> <td>E 78° 30' 13.83"</td> </tr> <tr> <td>C</td> <td>N 13° 6' 27.38"</td> <td>E 78° 30' 17.53"</td> </tr> <tr> <td>D</td> <td>N 13° 6' 25.74"</td> <td>E 78° 30' 20.92"</td> </tr> <tr> <td>E</td> <td>N 13° 6' 23.02"</td> <td>E 78° 30' 19.83"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 13° 6' 24.35"	E 78° 30' 12.60"	B	N 13° 6' 27.71"	E 78° 30' 13.83"	C	N 13° 6' 27.38"	E 78° 30' 17.53"	D	N 13° 6' 25.74"	E 78° 30' 20.92"	E	N 13° 6' 23.02"	E 78° 30' 19.83"
Corner Point No	Latitude	Longitude																		
A	N 13° 6' 24.35"	E 78° 30' 12.60"																		
B	N 13° 6' 27.71"	E 78° 30' 13.83"																		
C	N 13° 6' 27.38"	E 78° 30' 17.53"																		
D	N 13° 6' 25.74"	E 78° 30' 20.92"																		
E	N 13° 6' 23.02"	E 78° 30' 19.83"																		
3	Type Of Mineral	Grey Granite Quarry																		
4	New / Expansion / Modification / Renewal	Renewal																		
5	Type of Land [Forest, Government Revenue, Gomal, Private /Patta, Other]	Government																		
6	Area in Acres	6-00 Acres																		
7	Annual Production (Metric Ton / Cum) Per Annum	8,000 Cum/ 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	3,55,900.9 Cum (including waste)																		

10	Permitted Quantity Per Annum - Cu.m / Ton	2400 Cum/ Annum (Grey Granite) 5600 Cum/ Annum (Building stone)
11	CER Activities:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to the GLPS school at Shettikallu village
	2nd	Rain water harvesting pits to GLPS at Shettikallu village.
	3rd	The proponent proposes to distribute nursery plants at Shettikallu village & Strengthening of approach road.
	4th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages.
	5th	Health camp in the GLPS school at Shettikallu village.
12	EMP Budget	Rs. 31.18 Lakhs (Capital Cost) & Rs. 12.01 Lakhs (Recurring cost)
13	Forest letter	13.10.2022
14	Quarry plan	13.07.2022
15	Cluster Certificate	04.08.2022
16	Revenue	19.09.2005

The proposal is for renewal of a lease which was granted on 10.12.2010. The proponent had submitted audit report till 2021-22 certified from DMG and informed that no mining activity was carried out from 2014-15 to 2021-22.

There is an existing cart track road to a length of 112meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry and road leading to crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation and to make provision for dump within the site area, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,55,900.9 Cum (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,000 Cum/Annum (Building Stone).

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

290.15 Ordinary Sand Quarry Project at Sy. Nos. 58/9 & 59/1/4 of Kyarihal Village, Kanakagiri Taluk, Koppal District (5-01 Acres) by Sri Abbasali Doddamani - Online Proposal No.SIA/KA/MIN/408850/2022 (SEIAA 533 MIN 2022)

The proponent remained absent under intimation. The committee decided to defer the appraisal of the project.

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

290.16 Building Stone Quarry Project at Melakunda Village, Kalaburagi Taluk & Kalaburagi District (5-30 Acres) by Sri Sainath S/o Mahadev Guttedar- Online Proposal No.SIA/KA/MIN/407910/2022 (SEIAA 543 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri Sainath S/o Mahadev Guttedar																					
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.99/*1.7 of Melakunda Village, Kalaburagi Taluk & Kalaburagi District (5-30 Acres) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>A</td> <td>N170 17' 49.9"</td> <td>E760 39' 23.3"</td> </tr> <tr> <td>B</td> <td>N170 17' 51.8"</td> <td>E760 39' 25.1"</td> </tr> <tr> <td>C</td> <td>N170 17' 53.9"</td> <td>E760 39' 26.6"</td> </tr> <tr> <td>D</td> <td>N 170 17'45.1"</td> <td>E 760 39' 31.1"</td> </tr> <tr> <td>E</td> <td>N 170 17'44.5"</td> <td>E 760 39' 30.2"</td> </tr> <tr> <td>F</td> <td>N 170 17'48.3"</td> <td>E 760 39' 27.6"</td> </tr> <tr> <td>G</td> <td>N 170 17'47.0"</td> <td>E 760 39' 26.1"</td> </tr> </table>	A	N170 17' 49.9"	E760 39' 23.3"	B	N170 17' 51.8"	E760 39' 25.1"	C	N170 17' 53.9"	E760 39' 26.6"	D	N 170 17'45.1"	E 760 39' 31.1"	E	N 170 17'44.5"	E 760 39' 30.2"	F	N 170 17'48.3"	E 760 39' 27.6"	G	N 170 17'47.0"	E 760 39' 26.1"
A	N170 17' 49.9"	E760 39' 23.3"																					
B	N170 17' 51.8"	E760 39' 25.1"																					
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F	N 170 17'48.3"	E 760 39' 27.6"																					
G	N 170 17'47.0"	E 760 39' 26.1"																					
3	Type Of Mineral	Building Stone Quarry																					
4	New / Expansion / Modification / Renewal	New																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																					
6	Area in Acres	5-01 Acres																					
7	Annual Production (Metric Ton / Cum) Per Annum	78,947.36 ton/ Annum (including waste)																					
8	Project Cost (Rs. In Crores)	Rs. 2.00 Crores (Rs. 200 Lakhs)																					
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	14,73,684Tonnes (including waste)																					
10	Permitted Quantity Per Annum - Cu.m / Ton	75,000 ton/ Annum (excluding waste)																					
11	CER Activities: Toprovide toilet with water facilities to nearby Govt. School and to grow additional plantation of 500nos																						
12	EMP Budget	Rs. 18.60 Lakhs (Capital Cost) & 11.15Lakhs (Recurring cost)																					
13	Forest NOC	28.10.2021																					
14	Quarry plan	14.08.2022																					
15	Cluster certificate	13.09.2022																					
16	Revenue NOC	01.11.2021																					

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and the total area of the leases is 7-35 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 450 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be

commenced after strengthening the approach road to the quarry standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 14,73,684 Tones (including waste) and estimated the life of the quarry to be 18 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 78,947.36 Tones/Annum (including waste)

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

290.17 Ordinary Sand Quarry Project at Kallapura Village, Naragund taluk, Gadag District (5-12 Acres) by Sri Praveen S. Gadi - Online Proposal No.SIA/KA/MIN/408960/2022 (SEIAA 537 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION																		
1	Name & Address of the Projects Proponent	Sri Praveen S. Gadi																		
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 187/1, 187/2, 187/3, 187/4 & 190/1 of Kallapura Village, Naragund taluk, Gadag District (5-12 Acres)																		
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 15° 50' 12.1575"</td> <td>E 75° 31' 35.8562"</td> </tr> <tr> <td>B</td> <td>N 15° 50' 10.6277"</td> <td>E 75° 31' 36.0453"</td> </tr> <tr> <td>C</td> <td>N 15° 50' 09.8067"</td> <td>E 75° 31' 36.0913"</td> </tr> <tr> <td>D</td> <td>N 15° 50' 08.6068"</td> <td>E 75° 31' 26.102"</td> </tr> <tr> <td>E</td> <td>N 15° 50' 10.9009"</td> <td>E 75° 31' 25.5062"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 15° 50' 12.1575"	E 75° 31' 35.8562"	B	N 15° 50' 10.6277"	E 75° 31' 36.0453"	C	N 15° 50' 09.8067"	E 75° 31' 36.0913"	D	N 15° 50' 08.6068"	E 75° 31' 26.102"	E	N 15° 50' 10.9009"	E 75° 31' 25.5062"
Corner Point No	Latitude	Longitude																		
A	N 15° 50' 12.1575"	E 75° 31' 35.8562"																		
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C	N 15° 50' 09.8067"	E 75° 31' 36.0913"																		
D	N 15° 50' 08.6068"	E 75° 31' 26.102"																		
E	N 15° 50' 10.9009"	E 75° 31' 25.5062"																		
3	Type Of Mineral	Ordinary Sand Quarry																		
4	New / Expansion / Modification / Renewal	New																		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																		
6	Area in Acres	5-12 Acres																		
7	Annual Production (Metric Ton / Cum) Per Annum	30,000 Tons for 1 st years, 20,745.3 Tones for 2 nd year & 10,000 Tons for 3 rd years (including waste)																		
8	Project Cost (Rs. In Crores)	Rs. 1.26 Crore (Rs. 126 Lakhs)																		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	60,745.3 Tons (including waste)																		
10	Permitted Quantity Per Annum - Cu.m / Ton	30,000 Tons for 1 st years, 20,745.3 Tones for 2 nd year & 10,000 Tons for 3 rd years (including waste)																		

11	CER Activities:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	The proponent proposes to distribute nursery plants at Kallapura Village & Strengthening of approach road and Construction of ponds for animals
	2 nd	
3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder and Health camp in nearby community places	
12	EMP Budget	Rs. 19.47 Lakhs (Capital Cost) & Rs. 8.25 Lakhs (Recurring cost)
13	Forest NOC	12.07.2022
14	Quarry plan	18.11.2022
15	Cluster Certificate	29.11.2022
16	Revenue NoC	06.07.2022
17	DTF	29.09.2022
18	JIR	3 mtr

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

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and the total area of the leases is 11-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 270 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 60,745.3 Tones (including waste) and estimated the life of the quarry as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 30,000 Ton (including waste) for 1st year, 20,745.3 Ton (including waste) for 2nd year & 10,000 Ton for 3rd year(including waste).

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




290.18 Building Stone Quarry Project at Nagnur Village, Ramadurga Taluk, & Belgavi District (4-00 Acres) by Shri Sourabh B Meti- Online Proposal No.SIA/KA/MIN/401404/2022 (SEIAA 545 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	Shri Sourabh B Meti															
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.11/3(P) of Nagnur Village, Ramadurga Taluk & Belgavi District (4-00 Acres)															
		<table border="1"> <thead> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 16°04'34.5"</td> <td>E75°20'33.6"</td> </tr> <tr> <td>B</td> <td>N 16°04'34.8"</td> <td>E75°20'41.7"</td> </tr> <tr> <td>C</td> <td>N 16°04'29.2"</td> <td>E75°20'42.3"</td> </tr> <tr> <td>D</td> <td>N 16°04'28.9"</td> <td>E75°20'39.3"</td> </tr> </tbody> </table>	Points	Latitude	Longitude	A	N 16°04'34.5"	E75°20'33.6"	B	N 16°04'34.8"	E75°20'41.7"	C	N 16°04'29.2"	E75°20'42.3"	D	N 16°04'28.9"	E75°20'39.3"
Points	Latitude	Longitude															
A	N 16°04'34.5"	E75°20'33.6"															
B	N 16°04'34.8"	E75°20'41.7"															
C	N 16°04'29.2"	E75°20'42.3"															
D	N 16°04'28.9"	E75°20'39.3"															
3	Type Of Mineral	Building Stone Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta															
6	Area in Acres	4-00 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	84,210 Tones for 1 st year & 1,36,842.1 Tones for 4 years (including waste)															
8	Project Cost (Rs. In Crores)	Rs. 4.0 Crores (Rs. 400 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	11,06,437.64Tonnes (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	80,000 Tones/annum for 1 st year & 1,30,000 Tones/annum for subsequent 4 years (excluding waste)															
11	CER Activities: Plantation in & around Nagnur Govt. School, Crushing Plant area, vicinity of office																
12	EMP Budget	Rs. 24.60 Lakhs (Capital Cost) & 14.25 Lakhs (Recurring cost)															
13	Forest NOC	04.08.2017															
14	Quarry plan	08.11.2022															
15	Cluster certificate	02.02.2022															
16	Revenue NOC	15.07.2017															
17	Notification	25.08.2022															

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and the total area of the leases is 7-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 450 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be

commenced after asphalted the approach road to the quarry standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 11,06,437.64 tons (including waste) and estimated the life of the quarry to be 8 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 84,210 Tons/annum for 1st year & 1,36,842.1 Tons/annum (including waste) for subsequent 4 years (including waste).

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

290.19 Building Stone Quarry Project at Tabakadahonnalli Village, Kalaghatgi Taluk of Darawad District (1-37 Acres) by Sri Fairoz Akhtara Madaki- Online Proposal No.SIA/KA/MIN/408564/2022 (SEIAA 534 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																		
1	Name & Address of the Projects Proponent	Sri Fairoz Akhtara Madaki																		
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.400 of Tabakadahonnalli Village, Kalaghatgi Taluk of Darawad District (1-37 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Point No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N15°7'6.17"</td> <td>E75°6'8.70"</td> </tr> <tr> <td>B</td> <td>N15°7'6.22"</td> <td>E75°6'10.93"</td> </tr> <tr> <td>C</td> <td>N15°7'9.91"</td> <td>E75°6'10.14"</td> </tr> <tr> <td>D</td> <td>N15°7'10.27"</td> <td>E75°6'8.31"</td> </tr> <tr> <td>E</td> <td>N15°7'9.29"</td> <td>E75°6'8.20"</td> </tr> </tbody> </table>	Point No.	Latitude	Longitude	A	N15°7'6.17"	E75°6'8.70"	B	N15°7'6.22"	E75°6'10.93"	C	N15°7'9.91"	E75°6'10.14"	D	N15°7'10.27"	E75°6'8.31"	E	N15°7'9.29"	E75°6'8.20"
Point No.	Latitude	Longitude																		
A	N15°7'6.17"	E75°6'8.70"																		
B	N15°7'6.22"	E75°6'10.93"																		
C	N15°7'9.91"	E75°6'10.14"																		
D	N15°7'10.27"	E75°6'8.31"																		
E	N15°7'9.29"	E75°6'8.20"																		
3	Type Of Mineral	Building Stone Quarry																		
4	New / Expansion / Modification / Renewal	New																		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																		
6	Area in Acres	1-37 Acres																		
7	Annual Production (Metric Ton / Cum) Per Annum	1,92,158 Tone/annum (including waste) for 1 st year & 1,23,158 Tone/annum for 2 nd to 5 th year (including waste).																		
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)																		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,59,601 Tones (including waste)																		

10	Permitted Quantity Per Annum - Cu.m / Ton	1,84,211 Tone/annum (excluding waste) for 1 st year & 86,211Tone/annum for 2 nd to 5 th year(excluding waste).
11	CER Activities: To construct one room to nearby Govt. School. And to grow 500numbers of additional trees.	
12	EMP Budget	Rs. 17.47 Lakhs (Capital Cost) & 11.15 Lakhs (Recurring cost)
13	Forest NOC	18.11.2022
14	Quarry plan	16.07.2022
15	Cluster certificate	16.07.2022
16	Revenue NOC	03.08.2021
17	Notification	22.02.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that there was an old lease with QL no. 833 for an extent of 1-00Acre of Sri. Asif Killedar andquarryingwas carried out till 2014-15 and in 22.22.2022 an area of 1-37Acres was notified in the name of Sri. Fairoz Akhtar A Madaki and informed the committee that as per historical images noquarrying in area has beencarried out since 2015 till date and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are 03 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 8-07 Acres and hence the project is categorized as B2.

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 7,59,601 Tones (including waste) and estimated the life of the quarry to be 5years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,92,158 Tone/annum (including waste) for 1st year & 1,23,158 Tone/annum for 2ndto 5thyear(including waste).

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

290.20 Building Stone Quarry project at of Thimmasandra Village, NandagudiHobali, Hosakote Taluk, Bangalore Rural District (3-38 Acres) by Sri C Jayaraja- Online Proposal No.SIA/KA/MIN/409202/2022 (SEIAA 535 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																																													
1	Name & Address of the Projects Proponent	Sri C Jayaraja																																													
2	Name & Location of the Project	Building Stone Quarry project at Sy. Nos.7/2, 1/19 & 1/17 of Thimmasandra Village, NandagudiHobali, Hosakote Taluk, Bangalore Rural District (3-38 Acres)																																													
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>A</td><td>N 13° 11' 38.87"</td><td>E 77° 56' 27.67"</td></tr> <tr><td>B</td><td>N 13° 11' 39.93"</td><td>E 77° 56' 22.76"</td></tr> <tr><td>C</td><td>N 13° 11' 41.57"</td><td>E 77° 56' 22.78"</td></tr> <tr><td>D</td><td>N 13° 11' 41.30"</td><td>E 77° 56' 24.05"</td></tr> <tr><td>E</td><td>N 13° 11' 42.64"</td><td>E 77° 56' 24.41"</td></tr> <tr><td>F</td><td>N 13° 11' 42.96"</td><td>E 77° 56' 24.84"</td></tr> <tr><td>G</td><td>N 13° 11' 42.44"</td><td>E 77° 56' 26.38"</td></tr> <tr><td>H</td><td>N 13° 11' 42.41"</td><td>E 77° 56' 26.85"</td></tr> <tr><td>I</td><td>N 13° 11' 44.79"</td><td>E 77° 56' 26.69"</td></tr> <tr><td>J</td><td>N 13° 11' 44.97"</td><td>E 77° 56' 27.85"</td></tr> <tr><td>K</td><td>N 13° 11' 42.39"</td><td>E 77° 56' 28.18"</td></tr> <tr><td>L</td><td>N 13° 11' 42.46"</td><td>E 77° 56' 27.71"</td></tr> <tr><td>M</td><td>N 13° 11' 40.64"</td><td>E 77° 56' 27.37"</td></tr> <tr><td>N</td><td>N 13° 11' 40.46"</td><td>E 77° 56' 28.15"</td></tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 13° 11' 38.87"	E 77° 56' 27.67"	B	N 13° 11' 39.93"	E 77° 56' 22.76"	C	N 13° 11' 41.57"	E 77° 56' 22.78"	D	N 13° 11' 41.30"	E 77° 56' 24.05"	E	N 13° 11' 42.64"	E 77° 56' 24.41"	F	N 13° 11' 42.96"	E 77° 56' 24.84"	G	N 13° 11' 42.44"	E 77° 56' 26.38"	H	N 13° 11' 42.41"	E 77° 56' 26.85"	I	N 13° 11' 44.79"	E 77° 56' 26.69"	J	N 13° 11' 44.97"	E 77° 56' 27.85"	K	N 13° 11' 42.39"	E 77° 56' 28.18"	L	N 13° 11' 42.46"	E 77° 56' 27.71"	M	N 13° 11' 40.64"	E 77° 56' 27.37"	N	N 13° 11' 40.46"	E 77° 56' 28.15"
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3	Type Of Mineral	Building Stone Quarry																																													
4	New / Expansion / Modification / Renewal	New																																													
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																																													
6	Area in Acres	3-38 Acres																																													
7	Annual Production (Metric Ton / Cum) Per Annum	1,26,316 Tonnes/ Annum (including waste)																																													
8	Project Cost (Rs. In Crores)	Rs. 1.33 Crores (Rs. 133 Lakhs)																																													
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,67,097Tonnes (including waste)																																													
10	Permitted Quantity Per Annum - Cu.m / Ton	1,20,000Tonnes/ Annum (excluding waste)																																													
11	CER Activities:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GLPS school at Thimmasandra village</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to the GLPS school at Thimmasandra village</td> </tr> <tr> <td>3rd</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>4th</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road with drainages</td> </tr> <tr> <td>5th</td> <td>Health camp in GLPS school at Thimmasandra village</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1 st	Providing solar power panels to the GLPS school at Thimmasandra village	2 nd	Rain water harvesting pits to the GLPS school at Thimmasandra village	3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder	4 th	Avenue plantation either side of the approach road near Quarry site & Repair of road with drainages	5 th	Health camp in GLPS school at Thimmasandra village																																	
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5 th	Health camp in GLPS school at Thimmasandra village																																														

12	EMP Budget	Rs. 56.56 Lakhs (Capital Cost) & Rs. 8.98 Lakhs (Recurring cost)
13	Forest NOC	05.09.2022
14	Quarry plan	01.12.2022
15	Cluster certificate	03.12.2022
16	Revenue NOC	01.08.2022
17	Notification	29.11.2022

The committee initially noted the complaint received through email (parisaraarakshanaavedike@gmail.com) on 24th January 2023 for the present proposal and the committee at the time of appraisal sought point wise clarification for the following observations from the project Proponent and Consultant,

Complaint: There is workings inside the site in the latest Google Image which was worked in the year 2016. Hence it is a case of violation.

Reply: The proponent informed that its worked slightly inside towards north west it is an encroachment done by someone else. No penalty has been levied by the Department of Mines and Geology.

Complaint: GPS readings in forest NoC and surface plan do not match

Reply: The proponent informed that Readings in the forest NOC are old reading the surface plan readings are from DGPS.

The committee accepted the clarification given by proponent and appraised the project.

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and the total area of the leases is 7-27 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 958 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphalted the approach road to the quarry and road leading to crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 13,67,097 tons (including waste) and estimated the life of the quarry to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,26,316 Tones/ Annum (including waste).

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




290.21 Pink Granite Quarry Project at Kadur Village, Kushtagi Taluk, Koppal District (3-22 Acres) by Smt. Nagaveni Hanamantappa Jalihal- Online Proposal No.SIA/KA/MIN/408840/2022 (SEIAA 536 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	Smt. Nagaveni Hanamantappa Jalihal															
2	Name & Location of the Project	Pink Granite Quarry Project at Sy. No. 9/1 of Kadur Village, Kushtagi Taluk, Koppal District (3-22 Acres)															
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 15° 59' 12.7"</td> <td>E 76° 00 '24.7"</td> </tr> <tr> <td>B</td> <td>N 15° 59' 09.2"</td> <td>E 76° 00 '25.1"</td> </tr> <tr> <td>C</td> <td>N 15° 59' 08.5"</td> <td>E 76° 00 '19.9"</td> </tr> <tr> <td>D</td> <td>N 15° 59' 11.1"</td> <td>E 76° 00 '19.8"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 15° 59' 12.7"	E 76° 00 '24.7"	B	N 15° 59' 09.2"	E 76° 00 '25.1"	C	N 15° 59' 08.5"	E 76° 00 '19.9"	D	N 15° 59' 11.1"	E 76° 00 '19.8"
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D	N 15° 59' 11.1"	E 76° 00 '19.8"															
3	Type Of Mineral	Pink Granite Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta															
6	Area in Acres	3-22 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	20,000 Cum/ Annum (including waste)															
8	Project Cost (Rs. In Crores)	Rs. 1.38 Crores (Rs. 138 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,71,578 Cum (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	6,000 Cum/ Annum (excluding waste)															
11	CER Activities:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS school at Kadoor Village.</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to Kadoor Village.</td> </tr> <tr> <td>3rd</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns in GHPS at Kadoor Village.</td> </tr> <tr> <td>5th</td> <td>Health camp to the GHPS school at Kadoor Village.</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS school at Kadoor Village.	2nd	Rain water harvesting pits to Kadoor 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 Kadoor Village.	5th	Health camp to the GHPS school at Kadoor Village.			
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5th	Health camp to the GHPS school at Kadoor Village.																
12	EMP Budget	Rs. 23.85 Lakhs (Capital Cost) & Rs. 16.55 Lakhs (Recurring cost)															
13	Forest NOC	25.09.2020															
14	Quarry plan	06.10.2022															
15	Cluster Certificate	29.11.2022															
16	Revenue	18.08.2020															
17	DTF	26.04.2022															
18	C & I Notification	15.09.2022															

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the old working was done by previous owner in land in 2010 and he has paid penalty to DMG and as per historical google image there is no working after 2010 and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are 15 leases including the present lease within 500 meter radius from this lease out of which 10 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and one lease is exempted from cluster as EC was granted prior to 15.01.2016 and the total area of remaining leases including the present lease is 12-09 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 113 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry as per IRC standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,71,578 Cum(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 20,000cum/Annum (including waste).

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

290.22 Building Stone Quarry project at Chikkanagavalli Village, Chikkaballapura Taluk & District (4-30 Acres) (vide QL No. 250) by M/s. SASA Stones Pvt. Ltd. - Online Proposal No.SIA/KA/MIN/79641/2013 (SEIAA 320 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. SASA Stones Pvt. Ltd.
2	Name & Location of the Project	Building Stone Quarry project at Sy. No. 43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (4-30 Acres) (vide QL No. 250)

		P. No.	Latitude	Longitude
		A	N13°36'32.72283"	E 77°45'35.28898"
		B	N13°36'32.50165"	E 77°45'37.23050"
		C	N13°36'31.04849"	E 77°45'37.16016"
		D	N13°36'30.65137"	E 77°45'40.69280"
		E	N13°36'29.44661"	E 77°45'40.85533"
		F	N13°36'29.52178"	E 77°45'42.81569"
		G	N13°36'29.14189"	E 77°45'42.93726"
		H	N13°36'29.04057"	E 77°45'43.51365"
		I	N13°36'28.41182"	E 77°45'43.54326"
		J	N13°36'27.97366"	E 77°45'38.21351"
		K	N13°36'30.33259"	E 77°45'34.34734"
3	Type Of Mineral	Building Stone Quarry		
4	New / Expansion / Modification / Renewal	Expansion		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government		
6	Area in Acres	4-30 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	1,54,000 Tones/ Annum (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	16,70,477 Tones (including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	1,54,000 Tones/ Annum (including waste)		
11	CER Activities: Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Chikkanagavalli Village Road			
12	EMP Budget	Rs. 18.75 Lakhs (Capital Cost) & 5.35 Lakhs (Recurring cost)		
13	Quarry plan	18.06.2021		
14	Cluster certificate	15.07.2021		
15	JSR	19.06.2014		
16	Notification	01.01.2015		
17	CCR from KSPCB	08.12.2022		

The proposal is for expansion, for which EC was earlier issued by SEIAA on 31.08.2015. The proponent submitted audit report till 2021-22 certified by DMG dated 06.01.2023 and CCR from KSPCB dated 08.12.2022.

There is an existing cart track road to a length of 650 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry and the road connecting to

the crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 16,70,477 Tones(including waste) and estimated the life of mine to be 11 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,54,000 Tones/ Annum (including waste).

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

290.23 Building Stone Quarry Project at Harave Village, Chamarajanagara Taluk & District (2-31 Acres) by Sri Nagaraju M.S. S - Online Proposal No.SIA/KA/MIN/408252/2022 (SEIAA 540 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																											
1	Name & Address of the Projects Proponent	SriNagaraju M.S. S																											
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 508/4 & 508/6 of Harave Village, Chamarajanagara Taluk & District (2-31 Acres) <table border="1" data-bbox="791 1209 1403 1534"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 11°57'35.9"</td> <td>E 76°48'53.1"</td> </tr> <tr> <td>B</td> <td>N 11°57'35.4"</td> <td>E 76°48'56.1"</td> </tr> <tr> <td>C</td> <td>N 11°57'32.4"</td> <td>E 76°48'55.4"</td> </tr> <tr> <td>D</td> <td>N 11°57'32.6"</td> <td>E 76°48'53.8"</td> </tr> <tr> <td>E</td> <td>N 11°57'33.2"</td> <td>E 76°48'53.9"</td> </tr> <tr> <td>F</td> <td>N 11°57'33.6"</td> <td>E 76°48'50.9"</td> </tr> <tr> <td>G</td> <td>N 11°57'35.2"</td> <td>E 76°48'50.2"</td> </tr> <tr> <td>H</td> <td>N 11°57'34.7"</td> <td>E 76°48'52.8"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N 11°57'35.9"	E 76°48'53.1"	B	N 11°57'35.4"	E 76°48'56.1"	C	N 11°57'32.4"	E 76°48'55.4"	D	N 11°57'32.6"	E 76°48'53.8"	E	N 11°57'33.2"	E 76°48'53.9"	F	N 11°57'33.6"	E 76°48'50.9"	G	N 11°57'35.2"	E 76°48'50.2"	H	N 11°57'34.7"	E 76°48'52.8"
P. No.	Latitude	Longitude																											
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G	N 11°57'35.2"	E 76°48'50.2"																											
H	N 11°57'34.7"	E 76°48'52.8"																											
3	Type Of Mineral	Building Stone Quarry																											
4	New / Expansion / Modification / Renewal	New																											
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																											
6	Area in Acres	2-31 Acres																											
7	Annual Production (Metric Ton / Cum) Per Annum	40,973 Tones/ Annum (including waste)																											
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)																											
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,53,633 Tones (including waste)																											

10	Permitted Quantity Per Annum - Cu.m / Ton	40,160 Tones/ Annum (excluding waste)
11	CER Activities: Propose take up 300 No. of additional plantation on either side of the approach road from quarry location to Harave Village Road	
12	EMP Budget	Rs. 13.40 Lakhs (Capital Cost) & 3.54 Lakhs (Recurring cost)
13	Forest NOC	27.09.2022
14	Quarry plan	25.11.2022
15	Cluster certificate	25.11.2022
16	Revenue NOC	17.10.2022
17	Notification	22.11.2022

As per the cluster sketch there are 07 leases including the present lease within 500 meter radius from this lease out of which 02 leases are exempted from cluster as the ECs were granted prior to 15.01.2016 and the total remaining area including the present lease is 8-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 800 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and road leading to crusher as per IRC norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,53,633 Tons (including waste) and estimated the life of the quarry as 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 40,973 Tones / Annum (including waste).

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

290.24 Building Stone Quarry Project at Hudadhalli Village, Chincholi Taluk, Kalaburagi District (2-00 Acres) by Sri Basayya- Online Proposal No.SIA/KA/MIN/410765/2022 (SEIAA 549 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Basayya
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 52/*/7 of Hudadhalli Village, Chincholi Taluk, Kalaburagi District (2-00 Acres)

		P. No.	Latitude	Longitude
		A	N17°27'02.0"	E77°21'03.1"
		B	N17°26'59.7"	E77°21'03.0"
		C	N17°27'59.7"	E77°20'58.5"
		D	N17°27'01.2"	E77°20'58.4"
3	Type Of Mineral	Building Stone Quarry		
4	New / Expansion / Modification / Renewal	New		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta		
6	Area in Acres	2-00 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	81,741 Tones/ Annum (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,96,346Tonnes (including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	80,106 Tones/ Annum (excluding waste)		
11	CER Activities: Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Hudadhalli Village Road			
12	EMP Budget	Rs. 12.80 Lakhs (Capital Cost) & 3.10 Lakhs (Recurring cost)		
13	Forest NOC	15.11.2022		
14	Quarry plan	29.11.2022		
15	Cluster certificate	02.12.2022		
16	Revenue NOC	28.10.2022		
17	Notification	02.12.2022		

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

There is an existing cart track road to a length of 450 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 4,96,346Tons (including waste) and estimated the life of the quarry to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 81,741 Tons/Annum (including waste)

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

290.25 Grey Granite Quarry Project at Bairasandra Village, Narasapura Hobli, Kolar Taluk, Kolar District (0-28 Acres) by Sri Munivenkatappa- Online Proposal No.SIA/KA/MIN/407692/2022 (SEIAA 520 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION																		
1	Name & Address of the Projects Proponent	SriMunivenkatappa																		
2	Name & Location of the Project	Grey Granite Quarry Project at Sy. No. 65 of Bairasandra Village, NarasapuraHobli, Kolar Taluk, Kolar District (0-28 Acres)																		
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 8' 9.40"</td> <td>E 77° 58' 33.44"</td> </tr> <tr> <td>B</td> <td>N 13° 8' 8.44"</td> <td>E 77° 58' 34.52"</td> </tr> <tr> <td>C</td> <td>N 13° 8' 6.76"</td> <td>E 77° 58' 33.84"</td> </tr> <tr> <td>D</td> <td>N 13° 8' 4.37"</td> <td>E 77° 58' 33.80"</td> </tr> <tr> <td>E</td> <td>N 13° 8' 6.58"</td> <td>E 77° 58' 32.67"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 13° 8' 9.40"	E 77° 58' 33.44"	B	N 13° 8' 8.44"	E 77° 58' 34.52"	C	N 13° 8' 6.76"	E 77° 58' 33.84"	D	N 13° 8' 4.37"	E 77° 58' 33.80"	E	N 13° 8' 6.58"	E 77° 58' 32.67"
Corner Point No	Latitude	Longitude																		
A	N 13° 8' 9.40"	E 77° 58' 33.44"																		
B	N 13° 8' 8.44"	E 77° 58' 34.52"																		
C	N 13° 8' 6.76"	E 77° 58' 33.84"																		
D	N 13° 8' 4.37"	E 77° 58' 33.80"																		
E	N 13° 8' 6.58"	E 77° 58' 32.67"																		
3	Type Of Mineral	Grey Granite Quarry																		
4	New / Expansion / Modification / Renewal	New																		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																		
6	Area in Acres	0-28 Acres																		
7	Annual Production (Metric Ton / Cum) Per Annum	196.477Cum/ Annum (including waste)																		
8	Project Cost (Rs. In Crores)	Rs. 0.98 Crores (Rs. 98 Lakhs)																		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	16,958.40 Cum (including waste)																		
10	Permitted Quantity Per Annum - Cu.m / Ton	157.182 Cum/ Annum (excluding waste)																		
11	CER Activities: Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to KukanoorVillage Road																			
12	EMP Budget	Rs. 14.49 Lakhs (Capital Cost) & Rs. 8.71 Lakhs (Recurring cost)																		
13	Forest NOC	06.01.2022																		
14	Quarry plan	04.11.2022																		
15	Cluster Certificate	16.11.2022																		
16	Revenue	09.01.2023																		
17	C & I Notification	15.09.2022																		

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 0-28 Acres and hence the project is categorized as B2.

The proponent informed that the proposal is for Shree Hanuman Statue and notified by C&I for temporary mining.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 16,958.40cum(including waste) and estimated the life of the quarry to be co-terminus with lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 196.477cum/Annum (including waste)

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

290.26 Shahabad Stone Quarry Project at Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre) by Sri Sudarshan Reddy - Online Proposal No.SIA/KA/MIN/409865/2022 (SEIAA 542 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	Sri Sudarshan Reddy															
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy.No. 92/*/1A of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-00 Acre)															
		<table border="1"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 17°22'50.5"</td> <td>E 77°29'58.6"</td> </tr> <tr> <td>B</td> <td>N 17°22'50.5"</td> <td>E 77°29'59.5"</td> </tr> <tr> <td>C</td> <td>N 17°22'55.5"</td> <td>E 77°29'00.7"</td> </tr> <tr> <td>D</td> <td>N 17°22'55.6"</td> <td>E 77°29'59.8"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N 17°22'50.5"	E 77°29'58.6"	B	N 17°22'50.5"	E 77°29'59.5"	C	N 17°22'55.5"	E 77°29'00.7"	D	N 17°22'55.6"	E 77°29'59.8"
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C	N 17°22'55.5"	E 77°29'00.7"															
D	N 17°22'55.6"	E 77°29'59.8"															
3	Type Of Mineral	Shahabad Stone Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta															
6	Area in Acres	1-00 Acre															
7	Annual Production (Metric Ton / Cum) Per Annum	4,375Tons/ 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	50,000 Tons (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	4,375 Tons/ Annum (including waste)															
11	CER Activities: Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Miriyan Village Road																
12	EMP Budget	Rs. 9.35 Lakhs (Capital Cost) & Rs. 2.19 Lakhs (Recurring Cost)															
13	Forest NOC	02.07.2022															

14	Quarry plan	21.10.2022
15	Cluster Certificate	24.11.2022
16	Revenue	16.05.2022
17	Notification	18.08.2022

As per the cluster sketch there are 07 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 9-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 730 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry as per standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 50,000 Ton (including waste) and estimated the life of mine to be 12 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 4,375 Ton/Annum (Including waste).

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

290.27 Building Stone Quarry Project at Nageshanahalli Village, Koppal Taluk & District (4-00 Acres) by Sri Sharanagowda- Online Proposal No.SIA/KA/MIN/410454/2022 (SEIAA 546 MIN 2022)

About the project:-

Sl.No	PARTICULARS	INFORMATION																														
1	Name & Address of the Projects Proponent	Sri Sharanagowda																														
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 19 (P) of Nageshanahalli Village, Koppal Taluk & District (4-00 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 12°23'25.021"</td> <td>E 76°20'51.173"</td> </tr> <tr> <td>B</td> <td>N 12°23'24.849"</td> <td>E 76°20'53.586"</td> </tr> <tr> <td>C</td> <td>N 12°23'27.047"</td> <td>E 76°20'00.770"</td> </tr> <tr> <td>D</td> <td>N 12°23'26.898"</td> <td>E 76°20'01.045"</td> </tr> <tr> <td>E</td> <td>N 12°23'24.962"</td> <td>E 76°20'58.029"</td> </tr> <tr> <td>F</td> <td>N 12°23'24.093"</td> <td>E 76°20'55.829"</td> </tr> <tr> <td>G</td> <td>N 12°23'22.249"</td> <td>E 76°20'52.560"</td> </tr> <tr> <td>H</td> <td>N 12°23'21.691"</td> <td>E 76°20'51.213"</td> </tr> <tr> <td>I</td> <td>N 12°23'21.792"</td> <td>E 76°20'49.999"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N 12°23'25.021"	E 76°20'51.173"	B	N 12°23'24.849"	E 76°20'53.586"	C	N 12°23'27.047"	E 76°20'00.770"	D	N 12°23'26.898"	E 76°20'01.045"	E	N 12°23'24.962"	E 76°20'58.029"	F	N 12°23'24.093"	E 76°20'55.829"	G	N 12°23'22.249"	E 76°20'52.560"	H	N 12°23'21.691"	E 76°20'51.213"	I	N 12°23'21.792"	E 76°20'49.999"
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I	N 12°23'21.792"	E 76°20'49.999"																														
3	Type Of Mineral	Building Stone Quarry																														
4	New / Expansion / Modification /	New																														

	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	24,622 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,36,389 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	24,125 Tones/ Annum (excluding waste)
11	CER Activities: Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Nageshanahalli Village Road	
12	EMP Budget	Rs. 27.60 Lakhs (Capital Cost) & 6.80 Lakhs (Recurring cost)
13	Forest NOC	26.02.2021
14	Quarry plan	13.10.2022
15	Cluster certificate	14.10.2022
16	Revenue NOC	25.02.2021
17	Notification	29.10.2021

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted clarification informing that the proposed area is Government land, old working was done by local villagers prior to 2009 as per historical google image there is no working after 2009 and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and the lease is only notified and as the total area of the applied lease is 4-00 Acres and the project is categorized as B2.

There is an existing cart track road to a length of 270meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry as per IRC standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 5,36,389 Tones(including waste) and estimated the life of the quarry 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 24,622 Ton/ Annum (including waste).

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

290.28 Ordinary Sand Quarry Project at Hebballi Village, Badami Taluk, Bagalkote District (9-14 Acres) by Sri Ramappa Y Sullannavar- Online Proposal No.SIA/KA/MIN/253593/2022 (SEIAA 194 MIN 2020)

About the project:-

Sl.No.	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri Ramappa Y Sullannavar																					
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy.Nos. 129/1, 2, 3, 4, 5 & 6 of Hebballi Village, Badami Taluk, Bagalkote District (9-14 Acres) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BP-A</td> <td>N 15° 30' 00.00"</td> <td>E 75° 36' 12.10"</td> </tr> <tr> <td>BP-B</td> <td>N 15° 30' 02.90"</td> <td>E 75° 36' 14.90"</td> </tr> <tr> <td>BP-C</td> <td>N 15° 30' 01.90"</td> <td>E 75° 36' 15.20"</td> </tr> <tr> <td>BP-D</td> <td>N 15° 49' 33.30"</td> <td>E 75° 36' 17.20"</td> </tr> <tr> <td>BP-E</td> <td>N 15° 49' 30.30"</td> <td>E 75° 36' 17.90"</td> </tr> <tr> <td>BP-F</td> <td>N 15° 49' 49.30"</td> <td>E 75° 36' 14.70"</td> </tr> <tr> <td>BP-G</td> <td>N 15° 49' 00.10"</td> <td>E 75° 36' 14.00"</td> </tr> </table>	BP-A	N 15° 30' 00.00"	E 75° 36' 12.10"	BP-B	N 15° 30' 02.90"	E 75° 36' 14.90"	BP-C	N 15° 30' 01.90"	E 75° 36' 15.20"	BP-D	N 15° 49' 33.30"	E 75° 36' 17.20"	BP-E	N 15° 49' 30.30"	E 75° 36' 17.90"	BP-F	N 15° 49' 49.30"	E 75° 36' 14.70"	BP-G	N 15° 49' 00.10"	E 75° 36' 14.00"
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BP-F	N 15° 49' 49.30"	E 75° 36' 14.70"																					
BP-G	N 15° 49' 00.10"	E 75° 36' 14.00"																					
3	Type Of Mineral	Ordinary Sand Quarry																					
4	New / Expansion / Modification / Renewal	New																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																					
6	Area in Acres	9-14 Acres																					
7	Annual Production (Metric Ton / Cum) Per Annum	49,948ton/annum(including waste)																					
8	Project Cost (Rs. In Crores)	Rs. 1.46 Crore (Rs. 146 Lakhs)																					
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,49,846 Tons (including waste)																					
10	Permitted Quantity Per Annum - Cu.m / Ton	49,948ton/annum(including waste)																					
11	CER Activities: to construct one room to near by Govt. School <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to common public places</td> </tr> <tr> <td>2nd</td> <td>Conducting E-waste drive campaigns in the nearby localities and Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>3rd</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages and Health camp in nearby community places</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1 st	Providing solar power panels to common public places	2 nd	Conducting E-waste drive campaigns in the nearby localities and Scientific support and awareness to local farmers to increase yield of crop and fodder	3 rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages and Health camp in nearby community places													
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3 rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages and Health camp in nearby community places																						
12	EMP Budget	Rs. 17.29 Lakhs (Capital Cost) & Rs. 16.31 Lakhs (Recurring cost)																					
13	Forest NOC	19.02.2018																					
14	Quarry plan	04.05.2020																					
15	Cluster Certificate	22.05.2020																					
16	DTF	27.11.2019																					
17	P.H.	24.08.2021																					

The proposal was earlier considered in 288th SEAC meeting and as the proponent remained absent the committee had deferred the proposal.




In the present meeting for the proposal, ToR was issued by SEIAA on 14.01.2022. Public Hearing was conducted on 17.05.2022, in which two persons had expressed their views. Proponent submitted clarification from DMG, informing that there is no river bed sand mining in a radius of 5 km from the proposed site area.

There is an existing cart track road to a length of 392 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation and also informed the proponent to comply with the observations/requests in Public Hearing, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,49,846 Tons (including waste) and estimated the life of the quarry as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 49,948 Ton/annum (including waste).

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

290.29 ToR: Building Stone (M-Sand) Quarry Project at Sy.Nos. 63/1+2 & 63/3 of Hulikatti Village, Belagavi Taluk, Belgaum District (12-00 Acres) by Sri Shrikanth Anandrao Kadam - Online Proposal No.SIA/KA/MIN/410168/2022 (SEIAA 550 MIN 2022)

The lease area is 12-00 Acres and total area considered for cluster is more than the threshold limit of 5 Ha. Hence the project is categorized as B1. The quarry plan is approved on 02.12.2022 and notified on 10.08.2020.

The committee decided to recommend the proposal to SEIAA for issue of standard ToR along with the following additional TOR to conduct EIA studies along with Public Hearing. The proponent informed that they had started collecting Baseline data.

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be detailed submitted.
2. Traffic studies.
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling and disposal details should be submitted.
5. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
6. Site specific CER and afforestation details.
7. Details of procedure followed during blasting considering adjacent leases.
8. Clear Forest NoC mentioning whether the proposed area falls in ESA of Kasturirangan Report and informing that the area is inside or outside the forest area and outside ESZ of any Sanctuary or National Park.

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



290.30 ToR. Ordinary Sand Quarry Project at Sy. Nos.138/1, 138/2, 138/3+4A, 138/3+4B, 138/3+4C, 138/3+4D, 138/5, 138/6, 138/7, 138/8, 138/11, 138/12, 138/13, 138/14, 139/2, 139/3, 146+147 of Sulla Village, KulageriHobli, Badami Taluk, Bagalkot District (14-15 Acres) by Shri RudragoudaBhixawatimath- Online Proposal No.SIA/KA/MIN/407963/2022 (SEIAA 551 MIN 2022)

The lease area is 14-15 Acres and as the total area considered is more than the threshold limit of 5 Ha. Hence the project is categorized as B1. The proponent informed that the quarry plan was approved on 11.10.2022 and district task force had recommended the proposal on 08.07.2022. The proponent informed that old workings were carried out prior to 2012 as per historical google images and hence it is not a case of violation.

The committee decided to recommend the proposal to SEIAA for issue of standard ToR with the following additional TOR to conduct EIA studies along with Public Hearing. The proponent informed that they had started collecting Baseline data.

1. Cumulative pollution load taking into account of cluster with wind rose diagram should be detailed submitted.
2. Traffic studies.
3. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
4. Waste handling and disposal details should be submitted.
5. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
6. Site specific CER and afforestation details.
7. Clarification from DMG for old workings.
8. Details of river bed strengthening works.
9. Dust mitigative measures and R&R plan.

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

290.31 ToR: Halki-Ningapur Lime stone and Dolomite Mines Project at Sy. Nos. 13, 139, 140 and 141 of Halki and Ningapur Villages, Mudhol Taluk, Bagalkot District (4.856 Ha) (ML.NO.2474) by M/s. Navodaya Minerals - Online Proposal No.SIA/KA/MIN/82172/2022 (SEIAA 361 MIN 2022)

In the 285th SEAC meeting proponent remained absent and committee deferred the appraisal of the project.

Proponent remained absent without intimation. The committee decided to give one more opportunity to the proponent and deferred the appraisal of the project.

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



290.32 Expansion of Mangaluru International Airport Project to enhance the passenger handling capacity upto 22.5 MPPA and cargo handling capacity upto 0.12 MTPA by M/s. Mangaluru International Airport Ltd. - Online Proposal No.SIA/KA/INFRA2/404084/2022 (SEIAA 13 CON 2023)

The proposal is for modification and expansion of Airport project to handle 22.5MPPA and cargo handling capacity of 0.12MTPA. The proponent informed that they had obtained earlier EC from MoEF on 01.11.2007 and had obtained transfer of EC on 03.08.2021 and 16.02.2022 to MIAL. For the present expansion they had obtained ToR from MoEF&CC on 11.04.2022 and CCR from MoEF&CC on 22.09.2022. As per the MoEF&CC Notification dated 20.04.2022 All expansion projects, including airstrips, which are for commercial use area, under item 7(a) are to be considered as Category B projects.

During appraisal, the committee noted that as per the master plan of MIAL, the entire proposal including calculations/provisions/requirements etc. were made as per the forecast for the year 2068. The committee after discussion decided that the information provided by the proponent was not within the validity period of EC i.e for ten years and informed the proponent to revise the entire feasible details for a period of ten years.

Further the committee informed the proponent to submit clarification for the following observations,

- To comply with ToR issued by MoEF&CC dated 11.04.2022, informing to provide rain water harvesting ponds to be developed with a capacity of 46 MLD, in an area of 23,000 sqm and used for non-potable purposes.
- To recalculate the capacity of STP with reference to total water demand with details of components and process proposed.
- Details of utilization in water balance chart clearly indicating the activities and demand instead of potable / non-potable.
- The water requirement has been proposed as 14ltrs per passenger per day, which is on higher side and also has not considered bottled water.
- The liquid waste from the aircraft is to be treated in Triturator as primary treatment and then to be pumped to STP for secondary treatment. Further the quantity of liquid waste from aircraft is not quantified and not factored in the capacity of STP propose.
- For the proposed solid waste of 9.82 TPD, details of quantity and treatment technology is required i.e, a) From Employee b) From Passenger c) From Visitors d) Deplane waste e) Staff quarters f) Run-way waste management (Horticulture) g) Hazardous waste (include if washing is there) i) STP Sludge.
- To explore the possibilities to become water positive without dependency on ground water, by providing vented barrages, desalination plants and provisions to harvest 25 percent of total annual rainfall in the catchment etc.

Hence the committee after discussion decided to defer the appraisal of the project and informed the proponent to submit compliance to the above observations.

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



290.33 Expansion & Modification of Mixed Used Development Project at Sy.Nos.59/4, 60/1, 60/14, 61/1, 61/2, 62, 63/1, 63/2, 63/3, 64, 65, 66, 67, 68, 69, 70/1, 70/2, 71, 72, 91/1, 91/2, 91/3, 91/4, 92/1, 92/2, 93/1, 93/2, 93/3, 93/4, 93/5, 93/6, 94/1, 94/2, 94/3, 94/4, 94/5, 94/7, 94/8, 94/9, 94/10, 94/11, 94/12, 94/13, 94/14, 94/16, 94/17, 94/18, 95/1, 95/2, 96/1, 96/2, 96/3, 96/4, 96/5, 96/6, 96/7, 98, 99/1, 100/1, 101/1, 101/2, 102/1, 102/2 & 104/1 of Nagawara Village, KasabaHobli, Bangalore North Taluk, Bangalore Urban District by M/s. Karle Infra Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/74062/2021 (SEIAA 27 CON 2021)

The proposal is for modification and expansion of mixed use development project, for which SEIAA had issued EC on 04.09.2020 for BUA of 11,00,773.71 Sqmt in a plot area of 2,47,238.07 Sqm and now proposed for BUA of 18,02,939.83 Sqm in a plot area of 2,51,562.68 Sqm. The proponent informed that they had obtained CCR from MoEF&CC on 01.12.2022, where in its mentioned that 5b buildings with BUA of about 4,18,838.37 Sqm has been constructed and have obtained O.C from BBMP.

The committee during appraisal sought clarification for water body, drains and foot kharab as per village map and provisions made for harvesting rain water. The proponent informed the committee that the water body is at a distance of 35mtr from the project boundary and for the drain in northern side, it was earlier classified as secondary drain but in 2018 the drain was reclassified as primary drain, for which a buffer of 50mtrs is proposed from center. The tertiary drains and foot kharab inside the plot area have been regularized by DC, Bangalore on 12.02.2021. For harvesting rain water, the proponent has proposed 11 tanks with total capacity of 2745cum for runoff from rooftop and additional 6 tanks of total capacity 2970cum for runoff from landscape and paved areas in addition to 60nos recharge pits within the project area.

Further the committee informed the proponent to submit phase wise developmental details proposed for rain water harvesting structures and STP capacities and also to revise the rain water harvesting to *fifty* percent capacity of total annual rainfall in the proposed site area by making provision for ponds / tanks etc., to comply with the observations made in CCR issued by MoEF&CC, to submit present details of green belt (with photos), conceptual plan clearly indicating existing buildings and proposed expansion, CER activities and social obligations should be detailed out in physical terms and included as part of EMP. Hence the committee after discussion decided to defer the appraisal of the project and informed the proponent to submit the details sought.

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

290.34 Proposed 4,80,000 Tons Per Annum (TPA) Capacity Iron Ore Beneficiation Plant along with 15,000 TPA Manganese Ore Beneficiation Project at Sanklapura Village, Hospet Taluk, Vijayanagara District by M/s. STAR MINERALS - Online Proposal No.SIA/KA/IND1/413515/2022 (SEIAA 08 IND 2022)

About the project:

SI No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Star Minerals
2	Name & Location of the project:	Sy. No. 178/2 & 178/4, Sanklapura Village, Hospet Taluk, Vijayanagara District,

3	New /expansion/modification / product mix change:	New Category 2(b) as per EIA Notification 2006
4	Capacity	4,80,000 TPA (Fe Ore Beneficiation) 15,000 TPA (Mn Ore Beneficiation)
5	Plot Area	10.90 Acres
6	Built Up Area	2.00 Acres
7	Land use pattern Green Belt Coverage - % of total area (trees proposed) Ground Cover area Kharab Others.	4.00 Acre
8	Project Cost	Rs. 4.30 Crores
9	Component of development:	Fe Ore Beneficiation and Mn Ore Beneficiation plant
10	Source of water -operational phase:	Ground water through Borewells within the proposed project site after obtaining necessary permissions.
11	Total Water Requirement (Domestic + Industrial) in KLD	240KLD (Total Fresh Water) 216 KLD Process (make-up); 5 KLD (Dust Suppression); 17 KLD (Gardening) and 2 KLD Domestic Requirement
12	Fresh Water in KLD Recycled water in KLD	240 KLD (Fresh Water) 1,944 KLD (Recycled Water)
13	Total waste water generation in KLD	2,160 KLD process waste water of which 90% recycled. 1.80KLD (Domestic Wastewater), to be disposed into septic tank-soak pit
14	Total effluents generation in KLD	2,160 KLD from beneficiation process, of which 1,944 KLD will be recycled through thickeners, filter press etc.
15	Scheme of disposal of excess treated water	The wastewater collected from the beneficiation process will be recycled back into the system, to a maximum extent, through thickeners, filter press etc. The clarified water is recycled back into the system. The slurry collected at the bottom of the thickener will be pumped to the tailing storage area, due to continuous and repeated use of recycled water, the solid concentration in the recycled water will increase needing occasional/ periodic blow down
16	Quantity of Tailings and its management	1,49,000 Tons/ Annum, which will be sold to cement companies, brick manufacturers etc.
17	ETP Capacity	Nil
18	STP Capacity	Septic Tank-Soak pit System
19	Waste Generation & its Disposal	<ul style="list-style-type: none"> • Wastewater generated from beneficiation process • Waste water from the run-off from Raw Material Storage Yards • Sanitary wastewater from canteens and toilets

20	Solid Waste	The main solid wastes from the proposed plant will be the dust from air pollution control equipment and tailings.
21	Hazardous Waste	In the proposed unit, no hazardous waste will be used in the process.
22	CER Activities	To take-up environmental protection related works, in the surrounding region of the proposed project area, by project proponent.
23	EMP Construction Operation.	Rs. 86 Lakhs EMP Budget in Capital Cost Rs. 25.50 Lakhs/ Annum EMP budget is recurring cost

The proposal is for establishment of iron and manganese ore beneficiation plant in area converted for industrial purpose. ToR was issued by SEIAA on 11.04.2022 and public hearing was conducted on 10.08.2022. The proponent informed that they had obtained Forest NoC on 06.10.2022 and distance certificate from PCCF dated 25.10.2022 informing that the proposed area is 6.35km outside the ESZ of Daroji Wild Life Sanctuary.

During the appraisal, the committee sought clarification for source of water and raw material, disposal of tailings and details as per village map. The proponent informed the committee that source of water is through two bore wells and as per the hydrogeological reports they have sufficient quantity of water to operate and for raw materials, proponent informed that low grade Fe ore and Mn ore would be purchased through e-auction. The tailings of about 30% to be stored separately in tailing pond with linings and after dewatering of 90% of water, tailing to be sold to nearby cement manufactures. The proponent further informed that they have obtained endorsement from revenue department dated 12.01.2023 informing that as the village map in the stage of approval, hence village map of the proposed area is not available.

The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the statutory guidelines for the proposed construction/operation and adhere to the by-laws stipulated by the governing authority for buffers and setbacks. The committee informed the proponent to concrete the approach road and stock yard as per standard norms & would grow trees all along the approach road/boundary of the project for which the proponent agreed.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area to reduce dependency on groundwater. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to comply with the request/opinion/issues of public addressed during public hearing.

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




290.35 Byalchinte & B.D.Halli Sand Block No. BLY-OSB-1 at Byalchinte and B.D. Halli under block BLY-OSB-1 of Byalchinte & B.D.Halli Village, Ballari Taluk, Ballari District (13-00) (5.26 Ha) by M/s. Karnataka State Minerals Corporation Limited - Online Proposal No.SIA/KA/MIN/411725/2021 (SEIAA 381 MIN 2021)

About the project:

Sl.No.	PARTICULARS	INFORMATION																		
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Limited																		
2	Name & Location of the Project	Byalchinte & B.D.Halli Sand Block No. BLY-OSB-1 at Sy. No. 162(P) of Byalchinte and Sy.No. 342(P) of B.D. Halli under block BLY-OSB-1 of Byalchinte & B.D.Halli Village, Ballari Taluk, Ballari District (13-00) (5.26 Ha) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Pillar No.</th> <th>Latitudes</th> <th>Longitudes</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>15°12'05.7"N</td> <td>77°04'10.7"E</td> </tr> <tr> <td>2.</td> <td>15°12'04.2"N</td> <td>77°04'13.5"E</td> </tr> <tr> <td>3.</td> <td>15°12'11.8"N</td> <td>77°04'18.2"E</td> </tr> <tr> <td>4.</td> <td>15°12'14.1"N</td> <td>77°04'21.5"E</td> </tr> <tr> <td>5.</td> <td>15°12'15.1"N</td> <td>77°04'12.4"E</td> </tr> </tbody> </table>	Pillar No.	Latitudes	Longitudes	1.	15°12'05.7"N	77°04'10.7"E	2.	15°12'04.2"N	77°04'13.5"E	3.	15°12'11.8"N	77°04'18.2"E	4.	15°12'14.1"N	77°04'21.5"E	5.	15°12'15.1"N	77°04'12.4"E
Pillar No.	Latitudes	Longitudes																		
1.	15°12'05.7"N	77°04'10.7"E																		
2.	15°12'04.2"N	77°04'13.5"E																		
3.	15°12'11.8"N	77°04'18.2"E																		
4.	15°12'14.1"N	77°04'21.5"E																		
5.	15°12'15.1"N	77°04'12.4"E																		
3	Type Of Mineral	Sand Quarry																		
4	New / Expansion / Modification / Renewal	New																		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government Land																		
6	Area in Acres	13-00 Acres																		
7	Annual Production (Metric Ton / Cum) Per Annum	23,758Tons/ Annum (including waste)																		
8	Project Cost (Rs. In Crores)	Rs. 1.01 Crores (Rs. 101 Lakhs)																		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	71,277 Tons (including waste)																		
10	Permitted Quantity Per Annum - Cu.m / Ton	23,283Tons/ Annum (excluding waste)																		
11	CER Activities: Propose take up 1,950 No. of additional plantation on either side of the approach road from quarry location to Byalchinte & B.D.Halli Village Road																			
12	EMP Budget	Rs. 11.5 Lakhs (Capital Cost) & 2.52 Lakhs (recurring cost for 5 years)																		
13	Forest NOC	13.01.2022																		
14	Quarry plan	20.01.2021																		
15	Cluster Certificate	25.03.20201																		
16	Notification	17.08.2020																		
17	DTF	27.07.2020																		
18	JIR Depth	3 mtrs																		
19	Irrigation NoC	03.01.2022																		
20	PH	01.07.2022																		

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 20.11.2021 and Public hearing was conducted on 01.07.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.36 Ordinary Sand Quarry Project MannurSugur Sand Block No. BLY-OSB-9 at of MannurSugur Village, Siraguppa Taluk, Ballri District (53-00 Acres) (21.44 Ha) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/408827/2021 (SEIAA 385 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.															
2	Name & Location of the Project	Ordinary Sand Quarry Project MannurSugur Sand Block No. BLY-OSB-9 at Sy. No. 551(P) of MannurSugur Village, Siraguppa Taluk, Ballri District (53-00 Acres) (21.44 Ha) <table border="1"> <thead> <tr> <th>Pillar No.</th> <th>Latitudes</th> <th>Longitudes</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>15°29'29.8" N</td> <td>76°44'01.9" E</td> </tr> <tr> <td>B</td> <td>15°29'21.7" N</td> <td>76°44'00.6" E</td> </tr> <tr> <td>C</td> <td>15°29'27.0" N</td> <td>76°43'30.1" E</td> </tr> <tr> <td>D</td> <td>15°29'33.8" N</td> <td>76°43'29.7" E</td> </tr> </tbody> </table>	Pillar No.	Latitudes	Longitudes	A	15°29'29.8" N	76°44'01.9" E	B	15°29'21.7" N	76°44'00.6" E	C	15°29'27.0" N	76°43'30.1" E	D	15°29'33.8" N	76°43'29.7" E
Pillar No.	Latitudes	Longitudes															
A	15°29'29.8" N	76°44'01.9" E															
B	15°29'21.7" N	76°44'00.6" E															
C	15°29'27.0" N	76°43'30.1" E															
D	15°29'33.8" N	76°43'29.7" E															
3	Type Of Mineral	Ordinary Sand Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private/ Patta, Other]	Government															
6	Area in Acres	53-00 Acres (21.44 Ha)															
7	Annual Production (Metric Ton / Cum) Per Annum	1,01,217 Tons/annum for 3 years & 1,51,827 Tons/annum for 2 years(including waste)															
8	Project Cost (Rs. In Crores)	Rs. 3.43 Crores (Rs. 343 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,03,654 Tons(including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	99,193 Tons/annum for 3 years & 1,48,790 Tons for 2 years(excluding waste)															
11	CER Activities: Propose take up 7,950 No. of additional plantation on either side of the approach road from quarry location to MannurSugurVillage Road																
12	EMP Budget	Rs. 18 Lakhs (Capital Cost) & 2.75 Lakhs (Recurring Cost for 5 cost)															
13	Forest NOC	13.01.2022															
14	Quarry plan	19.01.2022															
15	Cluster Certificate	15.12.2020															

16	Irrigation NoC	06.01.2022
17	DTF	27.07.2020
18	JIR	3mtr

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 20.11.2021 and Public hearing was conducted on 01.07.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.37 Shalgi Sand Block Project at Shalgi Village, Shorapur Taluk, Yadagiri District (30-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/409003/2021 (SEIAA 442 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	M/s. Hutti Gold Mines Company Ltd.															
2	Name & Location of the Project	Shalgi Sand Block Project at Sy. Nos.126, 127, 128/2, 129 of Shalgi Village, Shorapur Taluk, Yadagiri District (30-00 Acres) <table border="1"> <thead> <tr> <th>POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N:16°25'40.75"</td> <td>E:76°45'52.36"</td> </tr> <tr> <td>B</td> <td>N:16°25'43.07"</td> <td>E:76°45'26.13"</td> </tr> <tr> <td>C</td> <td>N:16°25'37.56"</td> <td>E:76°45'25.78"</td> </tr> <tr> <td>D</td> <td>N:16°25'36.17"</td> <td>E:76°45'51.56"</td> </tr> </tbody> </table>	POINT	LATITUDE	LONGITUDE	A	N:16°25'40.75"	E:76°45'52.36"	B	N:16°25'43.07"	E:76°45'26.13"	C	N:16°25'37.56"	E:76°45'25.78"	D	N:16°25'36.17"	E:76°45'51.56"
POINT	LATITUDE	LONGITUDE															
A	N:16°25'40.75"	E:76°45'52.36"															
B	N:16°25'43.07"	E:76°45'26.13"															
C	N:16°25'37.56"	E:76°45'25.78"															
D	N:16°25'36.17"	E:76°45'51.56"															
3	Type Of Mineral	Sand Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government															
6	Area in Acres	30-00 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	1,25,290 Tons/ Annum (including waste)															
8	Project Cost (Rs. In Crores)	Rs. 3.42 Crores (Rs. 342 Lakhs)															
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,25,290 Tons(including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	1,12,761 Tons/ Annum (excluding waste)															

11	CER Activities:	
	Year	Corporate Social Responsibility (CSR)
	1st	Providing solar power panels to common public places
	2nd	The proponent proposes to distribute nursery plants at Lingadahalli and Mushthahalli Villages & Strengthening/repairing of existing of approach road
	3rd	Rain water harvesting pits nearby school
	4th	Avenue plantation either side of the approach road near Mine site and sand storage areas & maintenance of drainage facilities
5th	Health camp in nearby community places	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & Rs. 11.73 lakhs (Recurring cost)
13	Forest NOC	12.11.2021
14	Quarry plan	02.02.2022
15	Cluster Certificate	19.02.2021
16	Notification	09.11.2020
17	DTF	06.11.2020
18	PH	17.06.2022
19	JIR	3 mtr
20	Irrigation	08.08.2022

The proposal is for River Bed Sand Mining and SELAA had issued ToR on 06.12.2021 and Public hearing was conducted on 17.06.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.38 Sand Block Project at Yakashanthi Village, Wadigere Taluk, Yadagiri District (50-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/406814/2021 (SEIAA 447 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Hutti Gold Mines Company Ltd.
2	Name & Location of the Project	Sand Block Project at Sy. Nos. 91(p), 93, 94, 95, 100, 101, 102, 103, 122, 123, 131, 132, 135, 136, 139, 140, 146, 147, 148, 149, 153, 154, 157, 158, 161, 162, 164, 165 & 166 of Yakashanthi Village, Wadigere Taluk, Yadagiri District (50-00 Acres)

3	Type Of Mineral	Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	50-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,08,818 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 5.57 Crores (Rs. 557 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,08,818 Tons(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,87,936Tons/ Annum (excluding waste)
11	CER Activities:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to common public places
	2nd	The proponent proposes to distribute nursery plants at Yerandi, Bagur Villages & Strengthening/repairing of existing of approach road
	3rd	Rain water harvesting pits nearby school
	4th	Avenue plantation either side of the approach road near mine site and sand storage areas & maintenance of drainage facilities
	5th	Health camp in nearby community places
12	EMP Budget	Rs. 17.65 Lakhs (Capital Cost) & Rs. 11.73 lakhs (Recurring cost)
13	Forest NOC	10.11.2021
14	Quarry plan	02.02.2022
15	Cluster Certificate	19.02.2021
16	Notification	19.11.2020
17	DTF	06.11.2020
18	PH	21.06.2022
19	JIR	3 mtrs
20	Irrigation	02.08.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 21.06.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.39 K.Belgal&Mylapura Sand Block No.BLY-OSB-12 Project at K.Belgal Village &Mylapura Village, Sirupuppa Taluk, Ballari District (16.19 Ha) (40-00 Acres) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/407151/2021 (SEIAA 233 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION																														
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.																														
2	Name & Location of the Project	K.Belgal&Mylapura Sand Block No.BLY-OSB-12 Project at Sy.No.538(P) - K.Belgal Village &Sy.No. 231(P) - Mylapura Village, Sirupuppa Taluk, Ballari District (16.19 Ha) (40-00 Acres)																														
		<table border="1"> <thead> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>E-77° 02' 50.3"</td> <td>N-15° 06' 08.0"</td> </tr> <tr> <td>C2</td> <td>E-77° 02' 55.6"</td> <td>N-15° 06' 07.9"</td> </tr> <tr> <td>C3</td> <td>E-77° 02' 55.4"</td> <td>N-15° 05' 57.7"</td> </tr> <tr> <td>C4</td> <td>E-77° 02' 56.8"</td> <td>N-15° 05' 56.9"</td> </tr> <tr> <td>C5</td> <td>E-77° 02' 56.8"</td> <td>N-15° 05' 50.0"</td> </tr> <tr> <td>C6</td> <td>E-77° 02' 56.4"</td> <td>N-15° 05' 47.8"</td> </tr> <tr> <td>C7</td> <td>E-77° 02' 51.3"</td> <td>N-15° 05' 47.9"</td> </tr> <tr> <td>C8</td> <td>E-77° 02' 50.1"</td> <td>N-15° 05' 57.0"</td> </tr> <tr> <td>C9</td> <td>E-77° 02' 50.2"</td> <td>N-15° 05' 57.7"</td> </tr> </tbody> </table>	Points	Longitude	Latitude	C1	E-77° 02' 50.3"	N-15° 06' 08.0"	C2	E-77° 02' 55.6"	N-15° 06' 07.9"	C3	E-77° 02' 55.4"	N-15° 05' 57.7"	C4	E-77° 02' 56.8"	N-15° 05' 56.9"	C5	E-77° 02' 56.8"	N-15° 05' 50.0"	C6	E-77° 02' 56.4"	N-15° 05' 47.8"	C7	E-77° 02' 51.3"	N-15° 05' 47.9"	C8	E-77° 02' 50.1"	N-15° 05' 57.0"	C9	E-77° 02' 50.2"	N-15° 05' 57.7"
Points	Longitude	Latitude																														
C1	E-77° 02' 50.3"	N-15° 06' 08.0"																														
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C8	E-77° 02' 50.1"	N-15° 05' 57.0"																														
C9	E-77° 02' 50.2"	N-15° 05' 57.7"																														
3	Type Of Mineral	Sand Quarry																														
4	New / Expansion / Modification / Renewal	New																														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government																														
6	Area in Acres	40-00 Acres (16.19 Ha)																														
7	Annual Production (Metric Ton / Cum) Per Annum	80,504 Tons for 3 years &1,20,756 Tons for 2 years (including waste)																														
8	Project Cost (Rs. In Crores)	Rs. 1.45 Crores (Rs. 145 Lakhs)																														
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,41,514Tons(including waste)																														
10	Permitted Quantity Per Annum - Cu.m / Ton	78,894 Tons/annum for 3 years &1,20,756 Tons/annum for 2 years (excluding waste)																														
11	CER Activities:																															

	Year	Location (CER)
	2022-23	Afforestation on both side of Hagari river near sand block for 1 kms towards north (5 mtrs on each side = 1 Ha)
	2023-24	Afforestation on both side of Hagari river near sand block for 1 kms towards north (5 mtrs on each side = 1 Ha)
12	EMP Budget	Rs. 2.00 Lakhs (Capital Cost) & Rs. 1.50Lakhs (Recurring cost)
13	Forest NOC	10.01.2023
14	Quarry plan	19.01.2022
15	Cluster Certificate	25.03.2021
16	Notification	17.08.2020
17	DTF	27.07.2020
18	PH	04.08.2022
19	JIR	3 mtrs
20	Irrigation	06.01.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 15.11.2021 and Public hearing was conducted on 04.08.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

290.40 Hiremagi-Sulebhavi-Aihole Iron Ore Mine Project in M.L.No.2649 at Hiremagi F.S, Sulebhavi F.S.No.367, Aihole F.S.No.166, Hiremagi-Sulebhavi-Aihole Villages, HungundTaluk, Bagalkot District (30.33 Ha)by Sri Doddanavar Brother - Online Proposal No.SIA/KA/MIN/74908/2018 (SEIAA 68 MIN (VIOL) 2018)

About the project:

SI.NO	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Doddanavar Brothers, Corporate House, Opp. Hotel Ksema Inn, Near 3 rd Railway Gate, Khanapur Road, Belagavi, Karnataka.
2	Name & Location of the Project	Hiremagi-sulebhavi-Aihole Iron Ore Mine Survey No. Hiremagi F.S. No. 65, Sulebhavi F.S. No. 367, Aihole F.S. No. 166 of Govt. Forest land of Hiremagi-Sulebhavi-AiholeVillage, Hungund Taluk, Bagalkote District, Karnataka State

3	Co-ordinates	Latitude & Longitude of all corner boundary point/ pillar Fixed reference point (FRP)	GPS Reading Map Datum : WGS-84	
			Latitude	Longitude
		1	N 16° 04' 08.31"	E 75° 54' 32.60"
		2	N 16° 04' 07.08"	E 75° 54' 33.54"
		3	N 16° 4' 59.56"	E 75° 54' 36.02"
		4	N 16° 04' 55.18"	E 75° 54' 31.74"
		5	N 16° 04' 42.66"	E 75° 54' 30.64"
		6	N 16° 04' 39.76"	E 75° 54' 33.47"
		7	N 16° 04' 35.62"	E 75° 54' 36.11"
		8	N 16° 04' 22.66"	E 75° 54' 19.75"
		9	N 16° 04' 29.51"	E 75° 54' 18.24"
		10	N 16° 04' 37.05"	E 75° 54' 18.88"
		11	N 16° 04' 44.15"	E 75° 54' 28.76"
12	N 16° 04' 05.88"	E 75° 54' 27.34"		
4	Type of Mineral	Iron Ore		
5	New /expansion/modification /renewal	Existing Lease		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Forest land		
7	Area in Ha	30.33 Ha.		
8	Annual production (metric ton /Cum) per annum	6,00,000 Tonnes Per Annum		
9	Project Cost (Rs. In Crores)	0.446 Crores		
10	Proved quantity of mine/quarry- Cu.m/Tons	10.485 Million Metric Tonnes (Mineable Reserves)		
11	Permitted quantity per annum- Cu.m/Ton	6,00,000 TPA		
12	Approach Road	1.92kms from mine to connecting main road (SH-44).		
13	Five years plan period	Area -30.33 Ha (Area Under Mining) Top RL- 699mRL Bottom RL -660.5mRL		
14	Conceptual stage	Area -22.55 Ha (Area Under Mining) Bottom RL-600mRL		
15	CER Activities: Asphaltting of approach road of 2.20Km as per IRC standards.			

16 EMP Budget (including CER Activities) is 97.0 Lakhs					
Sl. No.	Activity	Proposed Quantity	Unit Price (in Rs.)	Capital Cost (Rs.)	Recurring Cost/Yr.(Rs)
Existing Environmental management Measures					
1	Afforestation/Green belt development	39350	-	33,73,000-00	2,50,000-00
2	Barbed wire fencing	3405*5 = 17025 m	150/m	25,53,750 -	-
	1. Barbed wire fence				
	2.Poles distance) (for every 5m	680	500/pole	3,40,000-00	-
	3.Concrete and lime for filling pits	680*0.1	9000/m3	6,12,000-00	-
3	Gully checks	22 No's	25,000 each	5,50,000-00	10,000-00
4	Nala Band	5	29,000 each	1,45,000-00	-
5	Garland Drains	1430x1.0x1.5	1500/m	21,45,000-00	10,000-00
6	Percolation pond	09	25,000/Pond	2,25,000-00	-
7	Retaining wall	1520x1.0x1.5 mtrs	-	39,00,000-00	50,000-00
8	Check dam	09	29,000/dam	3,00,000-00	10,000-00
9	Toe wall	1520m		3,00,000-00	10,000-00
10	Settling tank	05		2,00,000-00	10,000-00
11	Contour Trench	1600 m	-	8,00,000-00	10,000-00
Total				1,54,43,750/-	3,60,000-00
18	CCR	16.01.2023 (certified compliance report issued by Regional Office, MoEF&CC)			
19	Earlier E.C by MoEF&CC & Date	20.12.2006			
20	CFO	Valid up to 30.09.2024			
21	Forest Dept. GO	08.07.2020			
22	IBM Approval Date	29.1.2020			

The proposal is for granting EC under EIA Notification 2006. The proponent informed that EC had been issued earlier by MoEF on 20.12.2006 for production of 6,00,000 TPA. ToR was issued by SEIAA on 27.03.2019 and corrigendum to ToR was issued on 26.07.2022 for 6,00,000 TPA and as per G.O dated 08.07.2020. FC is coterminous with the lease period for area of 30.33 Ha.

The proponent informed that they had obtained exemption from Public Hearing as per MoEF&CC Notification, dated 06.04.2018, for mining projects for which EC had been issued under EIA Notification, 1994. It is said that projects having valid environmental clearance which are proposing for and expansion of mining vis-à-vis the base production shall make application within six months from the date of issue of this notification in Form-1 as given in Appendix-II of the EIA Notification, 2006, for grant of environmental clearance under the provisions of the EIA Notification, 2006, and all such applications shall be considered by the concerned Expert Appraisal Committee or the State Level Expert Appraisal Committee, as the case may be, who shall decide on the due diligence necessary including preparation of Environmental Impact Assessment Report and

public consultation and the application shall be appraised accordingly for grant of environmental clearance. As the proponent had applied for EC on 01.10.2018 as per MoEF&CC Notification 06.04.2018, i.e within six months from the date of issue of the said Notification and further informed that as per MoEF&CC O.M, dated 16.02.2021 there was no change in production capacity and mining. Hence SEIAA had issued ToR exempting PH on 26.07.2022.

This is a proposal for production of 6,00,000 TPA iron ore production in a total area of 30.33Ha. The proponent has submitted certified compliance to the earlier E.C. conditions from Regional Office, MoEF&CC on 16.01.2023.

The proponent informed that they would asphalt the approach road as per IRC (Indian Road Congress) standard norms & also would grow trees all along the approach road for which the proponent agreed. The committee further informed the proponent to construct dust shelter within the mine area and carry out periodical de-silting of settling tank and to stabilize the dump and also to carry out afforestation, for which the proponent agreed to comply with.

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


Considering the proved mineable reserve of 6,00,000 TPA as per the approved Mining plan, the committee estimated the life of the mine to be 18years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 6,00,000 TPA with a condition to comply with the observations made in the Certified Compliance report of MoEF&CC.

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

290.41 Nitturu Sand Block No. BLY OSB-7 at Nitturu Village, Siruguppa Taluk, Ballari District (39-20 Acres) (15.86Ha) by M/s. Karnataka State Minerals Corporation Ltd. - Online Proposal No.SIA/KA/MIN/408122/2021 (SEIAA 383 MIN 2021)

About the project:-

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Karnataka State Minerals Corporation Ltd.
2	Name & Location of the Project	Nitturu Sand Block No. BLY OSB-7 at Sy.No.-323 (P) of Nitturu Village, Siruguppa Taluk, Ballari District (39-20Acres) (15.86Ha)




		Pillar No.	Latitudes	Longitudes
		A	15°32'57.90" N	76°48'51.90" E
		B	15°32'55.20" N	76°48'58.30" E
		C	15°33'06.40" N	76°49'07.70" E
		D	15°33'13.70" N	76°49'20.20" E
		E	15°33'18.20" N	76°49'17.20" E
		F	15°33'12.40" N	76°49'06.10" E
		G	15°33'03.30" N	76°48'56.30" E
		H	15°33'09.20" N	76°49'05.40" E
		I	15°33'10.70" N	76°49'06.40" E
		J	15°33'11.90" N	76°49'08.40" E
		K	15°33'12.60" N	76°49'10.60" E
		L	15°33'11.60" N	76°49'11.20" E
		M	15°33'10.20" N	76°49'10.10" E
		N	15°33'09.30" N	76°49'09.10" E
		O	15°33'08.40" N	76°49'06.10" E
3	Type Of Mineral	Sand Quarry		
4	New / Expansion / Modification / Renewal	New		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government		
6	Area in Acres	39-20Acres (15.86Ha)		
7	Annual Production (Metric Ton / Cum) Per Annum	70,495 Tons for 3 years & 1,05,743Tons for 2 Years (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crores (Rs. 100 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,11,488Tons(including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	69,085 Tons/annum for 3 years & 1,03,628Tons/annum for 2 Years (excluding waste)		
11	CER Activities: Propose take up 6,000 No. of additional plantation on either side of the approach road from quarry location to Nitturu Village Road			
12	EMP Budget	Rs. 2.25 Lakhs (Capital Cost) & 16.75 Lakhs (Recurring Cost for 5 cost)		
13	Forest NOC	13.01.2022		
14	Quarry plan	19.01.2022		
15	Cluster Certificate	15.12.2020		
16	Notification	17.08.2020		
17	DTF	27.07.2020		
18	PH	02.08.2022		
19	JIR	3 mtrs		
20	Irrigation	06.01.2022		

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 20.11.2021 and Public hearing was conducted on 02.08.2022.

The committee noted that the proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where it is directed not to use any machinery for excavation of sand. Hence, the committee after discussion decided to defer the appraisal and directed the proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

The Committee appraised the following proposals on 01.02.2023

290.42 ToR -Hindustan Aeronautics Limited has proposed for "Construction of Residential Building", at located at Survey No. 126 (P) of Vibhutipura Village, MaratahalliHobli, Bangalore East Taluk, Bengaluru Urban District by M/s. Hindustan Aeronautics Limited - Online Proposal No.SIA/KA/INFRA2/412961/2023 (SEIAA 14 (VIOL) CON 2023)

The proposal is for grant of EC for already constructed building and the proponent informed the committee that the proposal is submitted under violation category and had applied in B1 violation category to grant ToR as per MoEF&CC OM dated 07.07.2021, as construction is completed for BUA of 38,045Sqm in a plot area of 34,903Sqm without prior EC and other statutory clearances.

The committee accepted the clarification and decided to and issue of TOR and additional ToR if necessary after site inspection by SEAC Sub Committee.

- 1) Estimate and Submit Penalty as per the Standard Operating Procedure (SoP) No. bearing F. No. 22-21/2020 -IA.III dated 7th July 2021 from Ministry of Environment, Forest and Climate Change Impact assessment division.
- 2) To submit damage Assessment, Remedial plan and Community Augmentation plan as per SoP issued by MoEF&CC 7th July 2021.
- 3) To submit the all building-wise area statement and Plan and Elevation Drawings.
- 4) Details of drains, water bodies, kharab details and its position on the village survey map with reference to project area.
- 5) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
- 6) Submit the proposed organic waste processing facility layout plan and feasibility report of the system.
- 7) To quantify pollution load that has occurred during construction and after occupation.
- 8) Detailed conceptual plan and landscape plan, clearly indicating existing buildings / proposed buildings, approach road and details of Kharab areas with buffers as per bylaws.
- 9) Details of buffer for drains/water bodies/kharab as per zoning regulation
- 10) Details of existing buildings with BUA and extent of construction with reference to plan approvals certified from Architect and complete land documents and conversion documents.
- 11) Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural drains to be worked out in order to ascertain the adequacy in the carrying capacity of the drains and with details of strengthening of drains.



- 12) Details of quantity and kinds of wastes(e-wastes, hazardous wastes and bio-medical wastes) generated and handling the same.
- 13) Detailed risk and disaster management after construction.
- 14) Quality of nearby lake water and its rejuvenation plan to be detailed.
- 15) Ground water potential and level in the study area
- 16) Sampling locations shall be as per standard norms.
- 17) Implementation of Green building concept, provisions for smart metering concept for individual apartments for water consumption details, utilization of the entire terrace for solar power generation and other methods of power savings, provision for electric vehicle charging facility in the proposed project should be detailed.
- 18) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
- 19) Details of processing organic waste in bio-digester and scheme for waste to energy plant to process the entire organic waste generated within the project site and also to process the inorganic waste within the project site
- 20) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
- 21) NOC from the concerned authorities for the source of water during operation,if any.
- 22) Detailed FAR calculations and detailed parking provisions for all kind of vehicles including charging facility for e-vehicles with reference to local zoning authorities should be defined.
- 23) Detailed Traffic study with methods of improvising.
- 24) Detailed rain water harvesting with respect to annual rainfall (provisions for about 50% of annual rainfall) and provisions for tanks/sumps/ponds for roof top and along with management of excess-storm water.
- 25) Height clearance from competent authority.
- 26) Activities such as provisions for rejuvenation for water bodies/drains in the vicinity of the project, Public Health Care unit, etc., to be taken up under CER should be detailed out in physical terms and included as part of EMP.

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

290.43 Residential Apartment and a Club House Project at Gottigere Village, UttarahalliHobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. GRC Infra Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/412903/2023 (SEIAA 04 CON 2023)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. G. Ramanababu Managing Director M/s. GRC Infra Pvt. Ltd., No. 161/A, 7th Cross, Teachers Colony 1st Stage, Kumaraswamy Layout,Bengaluru - 560 078.
2	Name & Location of the Project	Development of "Residential Apartment and Club House" Project. Sy. Nos. 63/4, 63/5, 63/6, 63/7, 63/8,63/9, 63/10, 63/11, 63/12 & 63/13,Gottigere Village, UttarahalliHobli, Bengaluru South Taluk, Bengaluru Urban District - 560 083.
3	Type of Development	

	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT / ITES / Mall / Hotel / Hospital / other	Residential Apartment and a Club House. Category 8(a) as per EIA Notification 2006
	b.	Residential Township / Area Development Projects	NA
4		New / Expansion / Modification / Renewal	New
5		Water Bodies / Nalas in the vicinity of project site	Gottigere lake is adjacent (west side) to our project boundary, to which 30 m buffer has been left.
6		Plot Area (Sqm)	41,884.94 Sqm
7		Built Up area (Sqm)	1,34,962.591 Sqm
8		FAR • Permissible • Proposed	2.25 2.24
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	9 Towers: BF+GF+14UF, 2 Towers :BF+GF+13UF club house in BF+GF+6UF,
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	821 nos.
11		Height Clearance	44.95 m (As per CCZM, the permissible height is 113 m AMSL and the height achieved for our proposed building is 44.95 m).
12		Project Cost (Rs. In Crores)	Rs.217.91Crores
13		Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity is 32,394m ³ Back Filling - 9718 m ³ For landscaping- 17687 m ³ For driveway & road formation- 4989 m ³
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	9,917.78 Sqm
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	17,686.94 Sqm
	d.	Internal Roads	9,589.26 Sqm
	e.	Paved area	
	f.	Others Specify	Proposed road area 4,690.96 Sqm
	g.	Parks and Open space in case of Residential Township / Area Development Projects	-
	h.	Total	41,884.94Sqm
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	66KLD
c.	Quantity of water for Domestic Purpose in KLD	11KLD
d.	Waste water generation in KLD	9 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 413KLD
		Flushing 209 KLD
		Total 622KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	498 KLD
d.	STP capacity	STP Capacity –165KLD& 460 KLD
e.	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Excess 169KLD for construction works/Avenue plantation.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	200Cum
	No's of Ground water recharge pits	27 Nos.
17	Storm water management plan	Storm runoff from hardscape area will be collected in a pond of capacity 160 cum. 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.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors. Construction debris -70 m ³ This will be reused within the site for road and pavement formation.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	731kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.

	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1096kg/day Recyclable wastes will be handed over to authorized waste recyclers.		
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:225 L/Annum (0.45 L/ running) hour of DG's. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.		
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.		
19	POWER				
	a.	Total Power Requirement - Operational Phase	3743 kVA		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	150 KVA – 2 Nos. and 320 KVA – 2 Nos.		
	c.	Details of Fuel used for DG Set	197 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 Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 26 %		
20	PARKING				
	a.	Parking Requirement as per norms	985ECS		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Changed scenario after road widening
			Gottigere lake road	0.13- A	0.31- B
			Bannerghatta Main Road	0.63 - D	0.38 - B
	c.	Internal Road width (RoW)	15.54 m wideGottigere lake road		
21	CER Activities		Paving of kerb stones and tree plantation to Gottigere lake		
22	EMP • Construction phase • Operation Phase		During Construction: Capital Investment – 6.0Lakh Construction – 125.52Lakh During Operation: Capital investment – 302.82 Lakh Operation Investment – 26.5 Lakh/annum		

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per BMICAPA(Bangalore Mysore Infra Corridor Area Planning Authority)

The committee during appraisal sought details for water body, drain and foot kharab as per village map and provisions made for harvesting rain water. The proponent informed the committee that for water body in west buffer of 30mtr is proposed from edge of water body and for drain in south, proponent justified that as per latest RTC for the applied sy. Nos. there is no B Kharab area and there is existing road in the foot kharab area. For harvesting rain water, proponent informed that they have proposed tanks of 200cum for runoff from rooftop and a pond of capacity 160cum for runoff from landscape and paved areas in addition to 27nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 674trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.44 Residential Apartment and a Club House Project at Uttarahalli Manavarthekeval Village, UttarahalliHobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Casa Grande Garden City Builders Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/413085/2023 (SEIAA 06 CON 2023)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. G. Sethupathy Authorized Signatory M/s. Casa Grande Garden City Builders Pvt. Ltd. Salma Biz House, No. 34/1, 3rd Floor, Meanee Avenue Road, Opp. to Lakeside Hospital, Ulsoor Road, Near Ulsoor lake, Bengaluru - 560 042.
2	Name & Location of the Project	Development of "Residential Apartment and a Club House" Project. Sy. No. 59 (Old Sy. No. 7/9), Uttarahalli Manavarthekeval Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District - 560 061.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and a Club House Category 8(a) as per EIA Notification 2006.
b.	Residential Township/ Area	NA

	Development Projects	
4	New/Expansion/Modification/Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	There is a tertiary nala running on western side of the project site at a distance of 79 m
6	Plot Area (Sqm)	14,928.38Sqm
7	Built Up area (Sqm)	48,572.79Sqm
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.25
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower A, B in- GF+9UF, Tower C in BF+GF+9UF and Club House in GF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	286 nos.
11	Height Clearance	31.50 m (As per CCZM map, the permissible height is 156 m AMSL and the height achieved for our-proposed building is 31.50 m)
12	Project Cost (Rs. In Crores)	Rs.150.65Crores
13	Disposal of Demolition waster and or Excavated earth	Demolition waste debris of quantity 150 m ³ will be used for site formation. Total Excavated earth quantity -6,711m ³ For Backfilling - 3,721m ³ For Landscaping - 2,990 m ³
14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 4,635.98Sqm
	b.	Kharab Land --
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 4,983.50Sqm
	d.	Internal Roads 5,308.90Sqm
	e.	Paved area
	f.	Others Specify -
	g.	Parks and Open space in case of Residential Township/ Area Development Projects -
	h.	Total 14,928.38Sqm
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	23KLD
c.	Quantity of water for Domestic Purpose in KLD	7KLD
d.	Waste water generation in KLD	5.6 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.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 146 KLD
		Flushing 74KLD
		Total 220KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	176 KLD
d.	STP capacity	200KLD
e.	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Excess 63 KLD for construction works/Avenue plantation.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	140Cum
b.	No's of Ground water recharge pits	10Nos.
17	Storm water management plan	Storm Water sump of 100 cum capacity will be provided and will be used for domestic purpose. 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 eastern side of the project site.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors. Construction debris -24 m ³ This will be reused within the site for road and pavement formation.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	259 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	389kg/day Recyclable wastes will be handed over to

		authorized waste recyclers
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:170 L/Annum (0.34 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19	POWER	
a.	Total Power Requirement - Operational Phase	1081kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	350kVA – 2Nos.
c.	Details of Fuel used for DG Set	146.66 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 Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 26 %
20	PARKING	
a.	Parking Requirement as per norms	315 ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road Towards Existing Changed
		Approach Road A A
		Kanakapura Road Bengaluru City D B
		Kanakapura C A
c.	Internal Road width (RoW)	13 m & 17 m wide existing approach road
21	CER Activities	Development of walkway all around the Lingaderanahalli lake
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital Investment – 4.50Lakh Construction – 56.92Lakh During Operation: Capital investment – 119.00 Lakh Operation Investment – 19.00 Lakh/annum

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details for provisions made for harvesting rain water. The proponent informed the committee that for harvesting rain water, proponent informed that they have proposed tanks of 140 cum for runoff from rooftop and an additional tank of capacity 100cum for runoff from landscape and paved areas in addition to 10 nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 187 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.45 Residential Development Project at Jakkur Village, Yelahanka Hobli, Yelahanka Taluk, Bangalore Urban District by M/s.Cumins Sanctum LLP - Online Proposal No.SIA/KA/INFRA2/412677/2022 (SEIAA 07 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. John Abraham, Authorized Signatory M/s. Cumins Sanctum LLP Registered Office at Cumins House, No. 675, 6 th A Cross, 3 rd Block, Opp BDA Complex, Koramangala, Bengaluru - 560034
2	Name & Location of the Project	Proposed Residential Development Project by M/s. Cumins Sanctum LLP at Site No. 68/A, 68/B, 68/C & Sy No. 88/3, of Jakkur Village, Yelahanka Hobli, Yelahanka Taluk, Bangalore Urban District.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of projectsite	Rachenahalli Lake - 0.41 Kms (E) Tertiary Nala is 30m towards NE
6	Plot Area (Sqm)	7,038.11Sqm
7	Built Up area (Sqm)	29,363.32Sqm
8	FAR • Permissible • Proposed	2.549 2.25
9	Building Configuration [Number of Blocks / Towers / Wings etc.,	1 Building: 2 Basements+ Ground Floor (Club House) + 16 Upper Floors +Terrace Floor

	with Numbers of Basements and Upper Floors]		
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	128 Units	
11	Height Clearance in meters above sea level	As per CCZM , Site Elevation in AMSL :894.5 Permissible top elevation in AMSL : 955 Difference in meters : 60.5 Height Proposed – 53.70 m	
12	Project Cost (Rs. In Crores)	Rs. 58.0 Crores	
13	Disposal of Demolition waster and or Excavated earth	Details	Quantity in m³
		Quantity of excavated soil	48,915.72
		Back filling for footings	24,457.86
		Site filling required	5,607.47
		Back filling for retaining wall	15,790.28
		Top soil for Landscaping	1,414.66
	Filling for internal roads	1,643.45	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	1,428.64 sq.m	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,322.58 sq.m	
d.	Internal Roads	3,2386.89 Sq.m	
e.	Paved area		
f.	Others Specify	-	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	7,038.11 sq.m.	
15	WATER		
I.	Construction Phase		
a.	Source of water	From nearby treated water suppliers	
b.	Quantity of water for Construction in KLD	50 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	8 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in	Fresh 60.48	

	KLD	Recycled	28.80
		Total	89.28
b.	Source of water	Gram Panchayat	
c.	Waste water generation in KLD	84.82 KLD	
d.	STP capacity	85 KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	77.00 cu.m	
b.	No's of Ground water recharge pits	7 Nos.	
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers..	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	153.60 kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	102.40 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less	
19	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	<ul style="list-style-type: none"> Energy saved by using Solar water Heater : 50,000kWH/ Year.....(a) 	

	plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Solar Power Generation : In non-monsoon season 100kWH x 30 x 8 Months= 24,000kWH • In monsoon season 50kWH x 30 x 4 Months =6,000 kWH • Total SPV Power Generation in a year = 0.3 LkWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.5+ 0.3 L KWH = 0.8 L / Annum.....(c) • Total energy savings = 36.5% 																
20	PARKING																	
a.	Parking Requirement as per norms	192 ECS																
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH 44 road –LOS – B																
c.	Internal Road width (RoW)	6.0 m																
21	CER Activities	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Responsibility (CER)</th> <th>Environmental</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td colspan="2">Providing solar power panels to GHPS school at Jakkur</td> </tr> <tr> <td>2nd</td> <td colspan="2">Rainwater harvesting in GHPS school at Jakkur</td> </tr> <tr> <td>3rd</td> <td colspan="2">Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>4th</td> <td colspan="2" rowspan="2">Health camp in GHPS of Jakkur village</td> </tr> <tr> <td>5th</td> </tr> </tbody> </table>	Year	Corporate Responsibility (CER)	Environmental	1 st	Providing solar power panels to GHPS school at Jakkur		2 nd	Rainwater harvesting in GHPS school at Jakkur		3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder		4 th	Health camp in GHPS of Jakkur village		5 th
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4 th		Health camp in GHPS of Jakkur village																
5 th																		
22	EMP	EMP (Construction & Operation)																
	<ul style="list-style-type: none"> • Construction phase • Operation Phase 	<table border="1"> <thead> <tr> <th colspan="2">Operation Phase</th> <th colspan="2">Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 52.2 lakhs</td> <td>Per</td> <td>Recurring Cost Per Annum = 15.75 lakhs</td> <td>Per</td> </tr> <tr> <td>Capital Cost = 220.0 lakhs</td> <td></td> <td>Capital Cost = 40.20 lakhs</td> <td></td> </tr> </tbody> </table>	Operation Phase		Construction Phase		Recurring Cost Per Annum = 52.2 lakhs	Per	Recurring Cost Per Annum = 15.75 lakhs	Per	Capital Cost = 220.0 lakhs		Capital Cost = 40.20 lakhs					
Operation Phase		Construction Phase																
Recurring Cost Per Annum = 52.2 lakhs	Per	Recurring Cost Per Annum = 15.75 lakhs	Per															
Capital Cost = 220.0 lakhs		Capital Cost = 40.20 lakhs																

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details of cart track and foot kharab as per village map and provisions made for harvesting rain water. The proponent informed the committee that the cart track in southern side and foot kharab in eastern side are existing roads. For harvesting rain water, proponent informed that they have proposed tanks of 77 cum for runoff from rooftop and for runoff from landscape and paved areas 7 nos recharge pits has been proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 87 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.46 Residential Apartment Building Project at Belathur&Kumbena Agrahara Village, BidarahalliHobli, Ward No.54, Bangalore by M/s. Sapthagiri Shelters - Online Proposal No.SIA/KA/INFRA2/412937/2023 (SEIAA 09 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. M Subramanyam Naidu, Managing Partner M/s. Sapthagiri Shelters Office at Site No. 36, 1st Cross, Kodigehalli Main Road, Ayyappa Nagar, K R Puram, Bangalore - 560 036
2	Name & Location of the Project	Proposed Residential Apartment Building by M/s.Sapthagiri Shelters at Sy No. 78 (Old Sy No. 78/A &78/B) & 87, Khata No - 1124/78, Belathur&KumbenaAgrahara Village, Bidarahalli Hobli, Ward No - 54,Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of projectsite	Tertiary nala is towards western side
6	Plot Area (Sqm)	10,612.33 sq.m
7	Built Up area (Sqm)	32,818.57 sq.m.
8	FAR • Permissible • Proposed	3.0 2.5
9	Building Configuration [Number	1 Block :Stilt Floor +Ground Floor + 3 Upper

	of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Floors + Terrace Floor	
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	252 Units	
11	Height Clearance in meters above sea level	As per CCZM Bangalore, Site Elevation in AMSL :860 Permissible top elevation in AMSL : 1035 Difference in meters : 175 Height Proposed : 17.90 m	
12	Project Cost (Rs. In Crores)	Rs. 64.0 Crores	
13	Disposal of Demolition waster and or Excavated earth	Quantity of excavated soil	14,074.97
		Back filling for footings	7,037.48
		Site filling required	3,273.27
		Back filling for retaining wall	1,044.12
		Top soil for Landscaping	2,133.08
		Filling for internal roads	587.02
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	5,936.23 sq.m	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,502.07 sq.m	
d.	Internal Roads	1,174.03 Sq.m	
e.	Paved area		
f.	Others Specify	-	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	10,612.33 sq.m.	
15	WATER		
I.	Construction Phase		
a.	Source of water	From nearby treated water suppliers	
b.	Quantity of water for Construction in KLD	50 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	8 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	52.62
		Recycled	66.45+56.70

		Total	175.77
b.	Source of water	Gram Panchayat	
c.	Waste water generation in KLD	166.98 KLD	
d.	STP capacity	200 KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	321.00 cu.m	
b.	No's of Ground water recharge pits	11 Nos.	
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and Inorganic waste. Organic waste will be converted in Organic convertor. Inorganic solid waste will be Handed over to authorized recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	302.40 kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	201.60 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation to be handed over to authorized agencies.	
19	POWER		
a.	Total Power Requirement - Operational Phase	1000 kVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 1000 kVA	
c.	Details of Fuel used for DG Set	HSD	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Energy saved by using Solar water Heater :50,000 kWh/ Year.....(a) • Solar Power Generation : • In non-monsoon season 100kWH x 30 x 8Months = 24,000kWH 	

		<ul style="list-style-type: none"> In monsoon season 50kWH x 30 x 4 Months =6,000 kWH Total SPV Power Generation in a year = 0.3 LkWH / Annum.....(b) Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.5+ 0.3 L KWH = 0.8 L / Annu.....(c) Total energy savings = 27.39% 												
20	PARKING													
	a. Parking Requirement as per norms	280ECS												
	b. Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH 648 road -LOS - B												
	c. Internal Road width (RoW)	2.50 m												
21	CER Activities	<table border="1"> <tr> <th>Yea</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> <tr> <td>1st</td> <td>Rainwater harvesting in GHPS of KumbenaAgrahara village</td> </tr> <tr> <td>2nd</td> <td>Providing solar power panels to GHPS of KumbenaAgrahara village</td> </tr> <tr> <td>3rd</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns in the KumbenaAgrahara village</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS of KumbenaAgrahara village</td> </tr> </table>	Yea	Corporate Environmental Responsibility (CER)	1 st	Rainwater harvesting in GHPS of KumbenaAgrahara village	2 nd	Providing solar power panels to GHPS of KumbenaAgrahara village	3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder	4 th	Conducting E-waste drive campaigns in the KumbenaAgrahara village	5 th	Health camp in GHPS of KumbenaAgrahara village
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3 rd		Scientific support and awareness to local farmers to increase yield of crop and fodder												
4 th		Conducting E-waste drive campaigns in the KumbenaAgrahara village												
5 th	Health camp in GHPS of KumbenaAgrahara village													
22	EMP <ul style="list-style-type: none"> Construction phase Operation Phase 	EMP (Construction & Operation) <table border="1"> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> <tr> <td>Recurring Cost Per Annum = 52.2 lakhs Capital Cost = 215.0 lakhs</td> <td>Recurring Cost Per Annum = 15.75 lakhs Capital Cost = 42.69 lakhs</td> </tr> </table>	Operation Phase	Construction Phase	Recurring Cost Per Annum = 52.2 lakhs Capital Cost = 215.0 lakhs	Recurring Cost Per Annum = 15.75 lakhs Capital Cost = 42.69 lakhs								
Operation Phase	Construction Phase													
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The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details of drains as per village map and provisions made for harvesting rain water. The proponent informed the committee that there are tertiary drains in north western side and south eastern side of the plot and 15mtrs buffer from center is proposed for both of the drains. For harvesting rain water, proponent informed that they have proposed tanks of 321 cum for runoff from rooftop and an additional tank of 56cum for runoff from landscape and paved areas in addition to 11 nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 134 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.47 Hospital Project – Apollo Hospitals Project at Bilekahalli Village, Begur Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Imperial Hospital and Research Centre Ltd. - Online Proposal No.SIA/KA/INFRA2/409860/2022 (SEIAA 177 CON 2022)

About the project:-

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Dr. Viqar Syed, MD Radiation Oncology, Director M/s. Imperial Hospital and Research Centre Limited (M/s. Apollo Hospitals Enterprise Limited.) No. 154/11, Opp. IIM, Bannerghatta Road, Bengaluru – 560 076
2.	Name & Location of the Project	Hospital Project – “Apollo Hospitals” Khatha No. 398/392/154/11, Sy. No. 154/11, Bilekahalli Village, Begur Hobli, Bengaluru South Taluk, Bengaluru Urban District - 560076.
3.	Type of Development	
	a. Residential Apartment/ Villas / Row Houses / Vertical Development / Office / IT/ITES/ Mall/ Hotel/ Hospital /other	Hospital Building for bed capacity of 558nos. Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area Development Projects	NA
4.	New/ Expansion/ Modification/ Renewal	New
5.	Water Bodies/ Nalas in the vicinity of project site	NA
6.	Plot Area (Sqm)	18043.75 Sqm
7.	Built Up area (Sqm)	Total BUA - 55,846.22 Sqm (existing hospital block A & B : 18,345.29 Sqm, proposed hospital block & MLCP block: 37,500.93 Sq.mt)

8.	FAR • Permissible • Proposed	2.25 1.75
9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Existing Hospital Blocks with 350 beds distributed over Block A: BF+GF+3UF and Block B: BF+GF+5UF. Proposed Hospital Block with 208 beds distributed over 3BF+GF+5UF and proposed MLCP Block in BF+GF+6UF.
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 138 m AMSL and the maximum height achieved is 23.70m.
12.	Project Cost (Rs. In Crores)	Rs.150Crores
13.	Disposal of Demolition waste and or Excavated earth	Temporary sheds will be dismantled and reused. Total Excavated earth quantity – 42,000m ³ For Backfilling - 17640m ³ For Landscaping -4620m ³ For driveway formation-11340 m ³ For site formation -8400 m ³
14.	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7485.53Sqm
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5435.00 Sqm
d.	Internal Roads	5123.22Sqm
e.	Paved area	--
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	Total	18,043.75 Sqm
15.	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement will be met from BWSSB and water requirement for construction purpose will be met from existing STP tertiary treated water.
b.	Quantity of water for Construction in KLD	27 KLD
c.	Quantity of water for Domestic Purpose in KLD	04KLD
d.	Waste water generation in KLD	3.2KLD

e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will treated in existing STP.	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh water including major & minor OT's & laboratory	301KLD
		Recycled	132KLD
		Total	433 KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	354KLD	
d.	STP capacity	STP Capacity – 200KLD (existing)&160 KLD (proposed)	
e.	Technology employed for Treatment	Existing Activated Sludge Process (ASP) & Proposed Membrane Bio Reactor (MBR) Technology	
f.	Scheme of disposal of excess treated water if any	No disposal.	
16. Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	15m ³ x 2 Nos., 20 m ³ x 2 Nos. & 150 m ³ x 1 No.	
b.	No's of Ground water recharge pits	18Nos.	
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 eastern side of the project site.	
18. WASTE MANAGEMENT			
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to BBMP. Construction debris –20m ³ This will be reused within the site for road and pavement formation.	
II. Operational Phase			
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	478 kg/day This will be segregated and will be processed in proposed organic waste converter.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	718kg/day Recyclable wastes will be handed over to authorized waste recyclers.	
1	c.	Quantity of Biomedical waste generation and mode of Disposal as per norms	210 kg/day Biomedical wastes will be collected in different colour coded bins/storage yards and will be handed over to KSPCB authorized vendors.
	d.	Quantity of Hazardous Waste	Waste Oil Generation: 535 L/Annum (1.07 L/

	generation and mode of Disposal as per norms	running hour of DG's). Hazardous wastes like waste oil from DG sets, waste residues containing oil and empty barrels/containers etc. will be handed over to the authorized hazardous waste recyclers.		
e.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.		
19.	POWER			
a.	Total Power Requirement - Operational Phase	5000 kVA		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 1 No. 1010 kVA – 1 No.& 1250 kVA – 3 Nos.		
c.	Details of Fuel used for DG Set	1131l/hr		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	High efficient HVAC, LED lights, VFD, power factor maintenance, power distribution loss & high efficiency UPS & time based lighting control & from Solar power etc. The energy savings is around 39.82 %		
20.	PARKING			
a.	Parking Requirement as per norms	541 ECS		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Bannerghatta Road Towards	Existing	Changed Scenario after Namma Metro
		Bengaluru	0.63 - D	0.21 - B
		Bannerghatta	0.48 - C	0.16 - A
c.	Internal Road width (RoW)	45 m wide existing Bannerghatta road.		
21.	CER Activities	Health checkup for students, staffs and provision of laptops for Government Primary School, Arekere		
22.	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital Investment – 3.00Lakh Construction –30.5Lakh During Operation: Capital investment –77.00Lakh Operation Investment –30.56 Lakh/annum		

The proposal is for expansion of hospital building for total bed capacity of 558nos. The proponent informed that in the existing hospital building BUA of 18,043.75Sqm was constructed by obtaining plan sanction from BDA dated 25.04.2008 and had CFO from KSPCB dated 27.04.2022 and now it is proposed for a BUA of 55,846.22Sqm in plot area of 18,043.75sqm. The proponent justified the existing BUA through an architect certificate.

The committee during appraisal sought provisions for harvesting rain water in the proposed area. For harvesting rain water, the proponent has proposed 150cum, 2x15cum and 2x20 cum capacity of tank for runoff from rooftop and for the runoff from landscape areas 18 number of recharge pits have been proposed within the site area.

The proponent informed that they have made provisions to grow a total of 291 trees in the proposed project area. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.48 Residential and Commercial Building Project at Huskuru Village, BidarahalliHobli, Bangalore East Taluk, Bengaluru District by M/s. Arattukulam Infrastructure Constructions Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/412770/2023 (SEIAA 03 CON 2023)

About the project:-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. Tony Vincent(Managing Director) Address: No. 106/A, 4 th "C" Cross, Behind Raheja Arcade, Industrial Layout, Koramangala 5 th Block, Bengaluru-560095
2	Name & Location of the Project	Name:Proposed Residential and Commercial Building Project – "Arattukulam" Location:Sy No. 59/2 & 71/2 of Huskuru Village, Bangalore East Taluk, Bangalore District
3	Type of Development	New project of Category
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential and Commercial Building Category 8(a) as per EIA Notification, 2006
b.	Residential Township/ Area Development Projects	Not applicable
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	9,459.45 Sqm
7	Built Up area (Sqm)	23,625.30 Sqm

Sl. No	PARTICULARS	INFORMATION
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.20 2.11
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Building (Wing 1): Ground + 19 Floors + Terrace Floor Commercial Building (Wing 2): Ground + 6 Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	Not applicable
11	Height Clearance	As per CCZM Mangalore Permissible: 157 m Proposed: 60 m
12	Project Cost (Rs. In Crores)	Rs. 38 Cr.
13	Disposal of Demolition waste and or Excavated earth	Basement is not proposed. Excavation of soil will be carried out for foundation work. Top soil will be reused at site landscaping and rest of the soil will be used for refilling.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1,921.59Sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	2,839.72Sq.m
d.	Internal Roads	1,432.19Sq.m
e.	Paved area	
f.	Others Specify	4,094Sq.m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	9,459.45Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Water tankers
b.	Quantity of water for Construction in KLD	45.5
c.	Quantity of water for Domestic Purposes in KLD	4.5
d.	Wastewater generation in KLD	3.6
e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours are provided and disposal of in mobile STP will be available at site.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 92 KLD
		Recycled 91 KLD
		Total 183 KLD

Sl. No	PARTICULARS	INFORMATION
b.	Source of water	Huskuru Village Panchayath Supply
c.	Wastewater generation in KLD	123 KLD
d.	STP capacity	140kld
e.	Technology employed for Treatment	SBR Technology
f.	Scheme of disposal of excess treated water if any	28kld excess treated will be used for construction activity of upcoming projects.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	70 Cu.m
b.	No's of Ground water recharge pits	10RWH pits
17	Storm water management plan	<p>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.</p> <p>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.</p>
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	<ul style="list-style-type: none"> • Domestic Waste (10 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. • Construction Waste – Construction waste Shall be segregated and reused within the Project site (Proper facility for storage of construction wastes will be made at Project site). • Plastic waste – to be sold to recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	230 kg/day - After segregation, biodegradable waste 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
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	184 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable (46 kg/day) will be sent to Common Solid Waste Management Facility.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per	Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.

Sl. No	PARTICULARS	INFORMATION									
	norms										
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste will be stored at a designated place and sold to registered recyclers.									
19	POWER										
a.	Total Power Requirement -Operational Phase	600 KW from BESCOM									
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 DG set of 500 kVA + 1 DG set of 250 kVA									
c.	Details of Fuel used for DG Set	HSD – 150 l/hr									
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> ▪ Solar panels on the roof tops (approx. 46 Solar panels generate approx. 22.5 kW power). ▪ Sound design of buildings for maximum natural ventilation and illumination ▪ Design of building shell to reflect most of the solar insulation ▪ Solar PVs on the terrace will be proposed ▪ Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. ▪ Energy efficient motors and transformers, LEDs, Solar lights, will be used in the project. ▪ 18.80% of Energy will be saved by using LED equipment & Solar Energy 									
20	PARKING										
a.	Parking Requirement as per norms	212 ECS									
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS :A									
c.	Internal Road width (RoW)	6 mtr									
21	CER Activities	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Activities</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>2023-24</td> <td>Avenue Plantation for 1 Km stretch of Road in front of project site</td> </tr> <tr> <td>2.</td> <td>2025-26</td> <td>Setting up of Computer lab & sanitary facilities for Jodihuskur Government High School</td> </tr> </tbody> </table>	Sr. No.	Year	Activities	1.	2023-24	Avenue Plantation for 1 Km stretch of Road in front of project site	2.	2025-26	Setting up of Computer lab & sanitary facilities for Jodihuskur Government High School
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Sl. No	PARTICULARS	INFORMATION		
• Operation Phase		1.	Barricades/dust barriers all-round the site	25.0
		2.	Sprinkling of water (non-rainy season)	10.5
		3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	9.0
		4.	Environmental Monitoring - Air, Water, Noise	1.5
		Total		46.0
		Sr. No.	EMP Aspect	Approx. Budgeted Capital cost (in Lakh Rupees)
		1.	STP and Grey Water Recycling	85.00
		2.	Greenbelt and other landscape development	10.00
		3.	Storm water drain and Rainwater Harvesting System	25.00
		4.	Environmental Monitoring	10.00
	5.	EHS Management Cell	4.00	
	6.	Solid Waste Management	13.00	
	7.	Fire Fighting Measures	3.60	
	8.	Energy conservation	8.50	
	9.	CER	10.00	
	Total		169.10	
	Operation Phase			

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details of cart track per village map, whether the proposed is for expansion considering adjacent buildings and provisions made for harvesting rain water. The proponent informed the committee that the cart track in south west side is the existing public road and informed that the proposed project is not expansion of Aratt Cityscapes, Aratt cityscapes has been constructed under seven different sanctions out of which two of the project boundary is adjacent to proposed project Arattukulam and set back are left as per the sanctioned plan for adjacent two buildings and there is no overlapping of the boundary of these layouts with the proposed project. For harvesting rain water, proponent informed that they have proposed

tanks of 70cum for runoff from rooftop and for runoff from landscape and paved areas in 10nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

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

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

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

290.49 Residential Apartment Building Project at Attur Village, YalahankaHobli, Bangalore North Taluk, Bangalore Urban District by M/s. Sri Balaji Structures - Online Proposal No.SIA/KA/INFRA2/412987/2023 (SEIAA 05 CON 2023)

About the Project:

Sj. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. G Devarajulu & Mr. Praveen Veerla Managing Partner M/s. Sri Balaji Structures Office at Flat No. B-1, Ground Floor, Mithra Homes Apartment, Site No. 217, 5th Main, Maithri Layout, Hope Farm Circle, Bangalore - 560 066.
2	Name & Location of the Project	Residential Apartment Building by M/s. Sri Balaji Structures at Sy No. 58 & 57/2, of Attur Village, YalahankaHobli, Bangalore North Taluk, Bangalore Urban District.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of projectsite	Puttanahalli Lake - 0.26 Kms (E) Atturu Lake - 0.30 Kms (W)

6	Plot Area (Sqm)	18,196.30 sq.m														
7	Built Up area (Sqm)	50,604.06 sq.m.														
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.24 2.5														
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Block : Stilt Floor + Ground Floor + 3 Upper Floors + Terrace Floor														
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	376 Units														
11	Height Clearance	As per CCZM, Site Elevation in AMSL : 898 Permissible top elevation in AMSL : 955 Difference in meters : 57 Height proposed : 14.40m														
12	Project Cost (Rs. In Crores)	Rs. 100.0 Crores														
13	Disposal of Demolition waster and or Excavated earth	<table border="1"> <thead> <tr> <th>Details</th> <th>Quantity in m³</th> </tr> </thead> <tbody> <tr> <td>Quantity of excavated soil</td> <td>31,738.53</td> </tr> <tr> <td>Back filling for footings</td> <td>15,869.26</td> </tr> <tr> <td>Site filling required</td> <td>9,128.15</td> </tr> <tr> <td>Back filling for retaining wall</td> <td>1,521.97</td> </tr> <tr> <td>Top soil for Landscaping</td> <td>3,657.46</td> </tr> <tr> <td>Filling for internal roads</td> <td>1,561.69</td> </tr> </tbody> </table>	Details	Quantity in m ³	Quantity of excavated soil	31,738.53	Back filling for footings	15,869.26	Site filling required	9,128.15	Back filling for retaining wall	1,521.97	Top soil for Landscaping	3,657.46	Filling for internal roads	1,561.69
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14	Details of Land Use (Sqm)															
	a.	Ground Coverage Area 9,068.15 sq.m														
	b.	Kharab Land --														
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 6,004.78 sq.m														
	d.	Internal Roads 3,123.37 Sq.m														
	e.	Paved area														
	f.	Others Specify -														
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA														
	h.	Total 18,196.30 sq.m.														
15	WATER															
	I.	Construction Phase														
	a.	Source of water From nearby treated water suppliers														
	b.	Quantity of water for Construction in KLD 50 KLD														
	c.	Quantity of water for Domestic Purpose in KLD 10 KLD														

d.	Waste water generation in KLD	8 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the mobile STP	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	79.60
		Recycled	98.06+84.60
		Total	262.26 KLD
b.	Source of water	Gram Panchayat	
c.	Waste water generation in KLD	249.15 KLD	
d.	STP capacity	300 KLD	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	No disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and reuse after treating with ultrafiltration and reverse osmosis.	
16 Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	490.0 cu.m	
	No's of Ground water recharge pits	18 Nos.	
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18 WASTE MANAGEMENT			
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and Inorganic waste. Organic waste will be converted in Organic convertor. Inorganic solid waste will be Handed over to authorized recyclers.	
II. Operational Phase			
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	451.20 kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	300.80 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation to be handed over to authorized agencies.	
19 POWER			
a.	Total Power Requirement -	1500 kVA	

	Operational Phase																			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X1500 kVA																		
c.	Details of Fuel used for DG Set	HSD																		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Energy saved by using Solar water Heater :50,000 kWh/ Year.....(a) • Solar Power Generation : • In non-monsoon season 100kWH x 30 x 8Months = 24,000kWH • In monsoon season 50kWH x 30 x 4 Months =6,000 kWh • Total SPV Power Generation in a year = 0.3 LkWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)=0.5+ 0.3 L KWH = 0.8 L / Annum(c) • Total energy savings = 18.26% 																		
20	PARKING																			
a.	Parking Requirement as per norms	415 ECS																		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : B																		
c.	Internal Road width (RoW)	5.00 m																		
21	CER Activities	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Responsibility (CER)</th> <th>Environmental</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Rainwater harvesting in GLPS school at Geddalahalli village</td> <td></td> </tr> <tr> <td>2nd</td> <td>Providing solar power panels to GLPS at Geddalahalli village</td> <td></td> </tr> <tr> <td>3rd</td> <td>Conducting E-waste drive campaigns in the Geddalahalli village</td> <td></td> </tr> <tr> <td>4th</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> <td></td> </tr> <tr> <td>5th</td> <td>Health camp in GLPS at Geddalahalli village</td> <td></td> </tr> </tbody> </table>	Year	Corporate Responsibility (CER)	Environmental	1 st	Rainwater harvesting in GLPS school at Geddalahalli village		2 nd	Providing solar power panels to GLPS at Geddalahalli village		3 rd	Conducting E-waste drive campaigns in the Geddalahalli village		4 th	Scientific support and awareness to local farmers to increase yield of crop and fodder		5 th	Health camp in GLPS at Geddalahalli village	
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The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The committee during appraisal sought details of drains as per village map, sensitive zone as per RMP of BDA and provisions made for harvesting rain water. The proponent informed the committee that there are tertiary drains in north western side for which 15mtrs buffer is proposed from center of the drain and they had obtained sensitive zone clearance from BDA dated 04.12.2021 for the proposed project and also had proposed a buffer of 9mtrs for HT line in south west side. For harvesting rain water, proponent informed that they have proposed tanks of 490cum for runoff from rooftop and pond of 150cum capacity for runoff from landscape and paved areas in addition to 18nos recharge pits proposed within the project site area. Further the committee informed the proponent to install smart metering for individual units for conservation of water, for which the proponent agreed.

The proponent agreed to grow total of 227 trees in the project site area. The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

290.50 Building Stone Quarry Project at Chikkaati Village, Gundlupete Taluk, Chamarajanagar District (9-00 Acres) by Sri Gopalkrishna VishweshwarHebbar- Online Proposal No. SIA/KA/MIN/412630/2022 (SEIAA 01 MIN 2023)

About the project:

SLN	PARTICULARS	INFORMATION																																				
0																																						
1	Name & Address of the Projects Proponent	Sri Gopalkrishna VishweshwarHebbar																																				
2	Name & Location of the Project	<p>Building Stone Quarry Project at Sy.Nos.175/2, 172/1, 172/2, 272/1, 272/2 of Chikkaati Village, Gundlupete Taluk, Chamarajanagar District (9-00 Acres)</p> <table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 11° 59' 24.6"</td> <td>E 76° 40' 28.1"</td> </tr> <tr> <td>B</td> <td>N 11° 59' 28.2"</td> <td>E 76° 40' 28.6"</td> </tr> <tr> <td>C</td> <td>N 11° 59' 28.5"</td> <td>E 76° 40' 26.2"</td> </tr> <tr> <td>D</td> <td>N 11° 59' 24.9"</td> <td>E 76° 40' 25.8"</td> </tr> <tr> <td>E</td> <td>N 11° 59' 25.0"</td> <td>E 76° 40' 24.4"</td> </tr> <tr> <td>F</td> <td>N 11° 59' 21.1"</td> <td>E 76° 40' 24.0"</td> </tr> <tr> <td>G</td> <td>N 11° 59' 21.2"</td> <td>E 76° 40' 22.8"</td> </tr> <tr> <td>H</td> <td>N 11° 59' 17.7"</td> <td>E 76° 40' 22.4"</td> </tr> <tr> <td>I</td> <td>N 11° 59' 17.5"</td> <td>E 76° 40' 26.1"</td> </tr> <tr> <td>J</td> <td>N 11° 59' 19.5"</td> <td>E 76° 40' 27.6"</td> </tr> <tr> <td>K</td> <td>N 11° 59' 21.1"</td> <td>E 76° 40' 27.6"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 11° 59' 24.6"	E 76° 40' 28.1"	B	N 11° 59' 28.2"	E 76° 40' 28.6"	C	N 11° 59' 28.5"	E 76° 40' 26.2"	D	N 11° 59' 24.9"	E 76° 40' 25.8"	E	N 11° 59' 25.0"	E 76° 40' 24.4"	F	N 11° 59' 21.1"	E 76° 40' 24.0"	G	N 11° 59' 21.2"	E 76° 40' 22.8"	H	N 11° 59' 17.7"	E 76° 40' 22.4"	I	N 11° 59' 17.5"	E 76° 40' 26.1"	J	N 11° 59' 19.5"	E 76° 40' 27.6"	K	N 11° 59' 21.1"	E 76° 40' 27.6"
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J	N 11° 59' 19.5"	E 76° 40' 27.6"																																				
K	N 11° 59' 21.1"	E 76° 40' 27.6"																																				

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	9-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	5,26,316 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.06 Crores (Rs. 206 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	50,29,948 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	5,00,000 Tones/ Annum (excluding waste)
11	CER Activities: Construction of one new room to GHPS Chikkaati village.	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to GHPS in Chikkaati Village.
	2nd	Conducting E-waste drive campaigns in the Chikkaati Village
	3rd	Rain water harvesting pits to the GHPS school at Chikkaati Village.
	4th	Scientific support and awareness to local farmers to increase yield of crop and fodder.
	5th	Health camp in the GHPS school at Chikkaati Village.
12	EMP Budget	Rs. 59.06 lakhs (Capital Cost) & Rs. 15.12 Lakhs (Recurring cost)
13	Forest NOC	19.11.2022
14	Quarry plan	29.12.2022
15	Cluster certificate	28.12.2022
16	Revenue NOC	02.12.2022
17	Notification	23.12.2022

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

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 50,29,948 Tones(including waste) and estimated the life of the quarry to be 10 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 5,26,316 Tones/ Annum (including waste).

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

290.51 Building Stone Quarry Project at Harave Village, Chamarajanagara Taluk & District (2-00 Acres) by Sri Gurusiddaiah R- Online Proposal No.SIA/KA/MIN/412881/2023 (SEIAA 527 MIN 2022)

About the project:

SL.No	PARTICULARS	INFORMATION																											
	Name & Address of the Projects Proponent	Sri Gurusiddaiah R.																											
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 508/2 & 508/3 of Harave Village, Chamarajanagara Taluk & District (2-00 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 11°57'33.6"</td> <td>E 76°48'50.8"</td> </tr> <tr> <td>B</td> <td>N 11°57'33.2"</td> <td>E 76°48'53.9"</td> </tr> <tr> <td>C</td> <td>N 11°57'32.6"</td> <td>E 76°48'53.8"</td> </tr> <tr> <td>D</td> <td>N 11°57'32.4"</td> <td>E 76°48'55.6"</td> </tr> <tr> <td>E</td> <td>N 11°57'30.4"</td> <td>E 76°48'55.1"</td> </tr> <tr> <td>F</td> <td>N 11°57'30.8"</td> <td>E 76°48'53.0"</td> </tr> <tr> <td>G</td> <td>N 11°57'31.6"</td> <td>E 76°48'53.1"</td> </tr> <tr> <td>H</td> <td>N 11°57'32.0"</td> <td>E 76°48'51.3"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N 11°57'33.6"	E 76°48'50.8"	B	N 11°57'33.2"	E 76°48'53.9"	C	N 11°57'32.6"	E 76°48'53.8"	D	N 11°57'32.4"	E 76°48'55.6"	E	N 11°57'30.4"	E 76°48'55.1"	F	N 11°57'30.8"	E 76°48'53.0"	G	N 11°57'31.6"	E 76°48'53.1"	H	N 11°57'32.0"	E 76°48'51.3"
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H	N 11°57'32.0"	E 76°48'51.3"																											
3	Type Of Mineral	Building Stone Quarry																											
4	New / Expansion / Modification / Renewal	New																											
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																											
6	Area in Acres	2-00 Acres																											
7	Annual Production (Metric Ton / Cum) Per Annum	26,548 Tones/ Annum (including waste)																											
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)																											
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,56,128 Tones (including waste)																											
10	Permitted Quantity Per Annum - Cu.m / Ton	26,021 Tones/ Annum (excluding waste)																											
11	CER Activities: Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Harave Village Road																												
12	EMP Budget	Rs. 12.00 Lakhs (Capital Cost) & 2.94 Lakhs (Recurring cost)																											
13	Forest NOC	29.09.2022																											
14	Quarry plan	25.11.2022																											
15	Cluster certificate	25.11.2022																											
16	Revenue NOC	17.10.2022																											
17	Notification	22.11.2022																											

As per the cluster sketch there are 07 leases including the present lease within 500 meter radius from this lease out of which 02 leases are exempted from cluster as the EC were granted prior to 15.01.2016 and the total remaining area including the present lease is 7-26 Acres and hence the project is categorized as B2.

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,56,128 Tones(including waste) and estimated the life of the quarry to be 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 26,548Tones/ Annum (including waste).

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

290.52 Ordinary Sand Quarry Project at Jalawadagi Village, Maski Taluk, Raichur District (9-37 Acres) by M/s. Venkateshwara Minerals - Online Proposal No.SIA/KA/MIN/413008/2 (SEIAA 02 MIN 2023)

About the project:-

Sl.No.	PARTICULARS	INFORMATION																																																												
1	Name & Address of the Projects Proponent	M/s. Venkateshwara Minerals																																																												
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 85/3, 85/4, 85/5, 85/6, 85/7, 85/8, 85/9 & 85/10 of Jalawadagi Village, Maski Taluk, Raichur District (9-37 Acres)																																																												
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3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	9-37 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	41,100.6 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.73 Crores (Rs. 173 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,05,503.34Tons(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	41,100.6Tons/ Annum (including waste)
11	CER Activities: construction of one new room to GHPS Jalawadagi village	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to the GHPS school at Jalawadagi Village.
	2 nd	Rain water harvesting pits to the GHPS school at Jalawadagi Village.
	3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	4 th	Health camp in GHPS school at Jalawadagi Village.
	5 th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 38.43 Lakhs (Capital Cost) & Rs. 11.10 Lakhs (Recurring cost)
13	Forest NOC	04.03.2022
14	Quarry plan	14.12.2022
15	Cluster Certificate	13.12.2022
16	Revenue NOC	04.02.2022
17	DTF	05.11.2022

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 9-37 Acres and hence the project is categorized as B2. As per DMG letter dated 13.12.2022 there are no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 670 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after concreting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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




The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 2,05,503.34Tons (including waste) and estimated the life of the quarry as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 41,100.60Ton/annum(including waste).

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

290.53 Building Stone Quarry Project at Bandri Village, Sandur Taluk, Ballari District (5-00 Acres) by Smt.Sharadamma W/o Nagaraja- Online Proposal No.SIA/KA/MIN/410691/202 (SEIAA 06 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri Sharadamma W/o Nagaraja																					
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 378 Part of Bandri Village, Sandur Taluk, Ballari District (5-00 Acres) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">GPS READINGS</th> </tr> <tr> <th colspan="3">MAP DATUM - WGS-84</th> </tr> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N14° 59' 03.6118"</td> <td>E76° 26' 46.3201"</td> </tr> <tr> <td>2</td> <td>N14° 59' 05.1258"</td> <td>E76° 26' 49.9473"</td> </tr> <tr> <td>3</td> <td>N14° 58' 59.6186"</td> <td>E76° 26' 51.9615"</td> </tr> <tr> <td>4</td> <td>N14° 58' 58.3442"</td> <td>E76° 26' 48.5387"</td> </tr> </tbody> </table>	GPS READINGS			MAP DATUM - WGS-84			Point	Latitude	Longitude	1	N14° 59' 03.6118"	E76° 26' 46.3201"	2	N14° 59' 05.1258"	E76° 26' 49.9473"	3	N14° 58' 59.6186"	E76° 26' 51.9615"	4	N14° 58' 58.3442"	E76° 26' 48.5387"
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4	N14° 58' 58.3442"	E76° 26' 48.5387"																					
3	Type Of Mineral	Building Stone Quarry																					
4	New / Expansion / Modification / Renewal	New																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government																					
6	Area in Acres	5-00 Acres																					
7	Annual Production (Metric Ton / Cum) Per Annum	6,440Cum/ Annum (including waste)																					
8	Project Cost (Rs. In Crores)	Rs. 0.75 Crores (Rs. 75 Lakhs)																					
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,29,500Cum (including waste)																					
10	Permitted Quantity Per Annum - Cu.m / Ton	3864Cum/ Annum (excluding waste)																					
11	CER Activities:Propose take up 750 No. of additional plantation on either side of the approach road from quarry location to BandriVillage Road																						
12	EMP Budget	Rs. 6.70 Lakhs (Capital Cost) &3.72 Lakhs (Recurring cost)																					
13	Forest NOC	18.12.2018																					

14	Quarry plan	25.11.2022
15	Cluster certificate	25.11.2022
16	Revenue NOC	08.01.2020
17	Notification	11.01.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent informed the committee that the proposed project is in Govt. Land and allocated under Rule 3F of KMMCR, the old workings are done by the local bonafied villages for construction of there house by manual means and no workings are done by the proponent.

The committee after discussion, opined that since the proposal is in Govt. land and workings are prior to the notification date and in order to prevent further illegal working in Govt. land and as the project proponent cannot be held responsible for the action he has not committed, the committee with no other option accepted the clarification and appraised the project.

The committee further deliberated that until directions obtained from SEIAA for handling the violation in Govt. Land for mining proposals, the committee will have to accept the clarification given by the proponent and appraise the project.

As per the cluster sketch there are 02 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 8.50 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 460 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and road leading to crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation and to grow three tier plantation towards crusher, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,29,500Cum/ Annum (including waste) and estimated the life of the quarry to be 20 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,440Cum/ Annum (including waste).

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

290.54 Building Stone Quarry Project Shirva Village, Kapu Taluk, Udupi District (0.50 Acre) by Sri Jamaluddin A - Online Proposal No.SIA/KA/MIN/266296/2022 (SEIAA 171 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	Sri Jamaluddin A															
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 566/4A1A of Shirva Village, Kapu Taluk, Udupi District (0.50 Acre) <table border="1"> <thead> <tr> <th>P.No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N13°12'56.80"</td> <td>E74°49'15.60"</td> </tr> <tr> <td>B</td> <td>N13°12'58.44"</td> <td>E74°49'16.53"</td> </tr> <tr> <td>C</td> <td>N13°12'58.00"</td> <td>E74°49'17.70"</td> </tr> <tr> <td>D</td> <td>N13°12'56.48"</td> <td>E74°49'16.87"</td> </tr> </tbody> </table>	P.No.	Latitude	Longitude	A	N13°12'56.80"	E74°49'15.60"	B	N13°12'58.44"	E74°49'16.53"	C	N13°12'58.00"	E74°49'17.70"	D	N13°12'56.48"	E74°49'16.87"
P.No.	Latitude	Longitude															
A	N13°12'56.80"	E74°49'15.60"															
B	N13°12'58.44"	E74°49'16.53"															
C	N13°12'58.00"	E74°49'17.70"															
D	N13°12'56.48"	E74°49'16.87"															
3	Type Of Mineral	Building Stone Quarry															
4	New / Expansion / Modification / Renewal	Renewal															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government															
6	Area in Acres	0.50 Acre															
7	Annual Production (Metric Ton / Cum) Per Annum	1,531 Tones/ Annum (including waste)															
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)															
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	29,456 Tones (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	1,531 Tones/ Annum (including waste)															
11	CER Activities: Propose take up 75 No. of additional plantation on either side of the approach road from quarry location to Shirva Village Road																
12	EMP Budget	Rs. 25.70 Lakhs (Capital Cost) & 6.85 Lakhs (Recurring cost)															
13	Forest NOC	28.03.2013															
14	Quarry plan	10.03.2022															
15	Revenue NOC	21.09.2013															
16	Notification	31.01.2022 (manual)															
17	Audit Report	03.02.2022															

The proposal is for renewal and the lease which was granted on 12.01.2007. The proponent had submitted audit report till 2021-22 certified from DMG and has submitted undertaking informing that no mining activity was carried out from 2014-15 till date.

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

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 29,456 Tones (including waste) and estimated the life of the quarry to be 20 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,531 Tones/ Annum (including waste).

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

290.55 Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No.200/ of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-30 Acres) by Sri Damodar- Online Proposal No.SIA/KA/MIN/405446/2022 (SEIAA 490 MIN 2022)**

About the project:

Sl.No	PARTICULARS	INFORMATION															
1	Name & Address of the Projects Proponent	Sri Damodar															
2	Name & Location of the Project	Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No.200/** of Miriyan Village, Chincholi Taluk, Kalaburagi District (1-30 Acres) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N17°22'49.6"</td> <td>E 77°30'59.9"</td> </tr> <tr> <td>B</td> <td>N17°22'49.2"</td> <td>E 77°31'02.7"</td> </tr> <tr> <td>C</td> <td>N17°22'46.6"</td> <td>E 77°31'02.8"</td> </tr> <tr> <td>D</td> <td>N17°22'46.8"</td> <td>E 77°30'59.9"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N17°22'49.6"	E 77°30'59.9"	B	N17°22'49.2"	E 77°31'02.7"	C	N17°22'46.6"	E 77°31'02.8"	D	N17°22'46.8"	E 77°30'59.9"
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3	Type Of Mineral	Shahabad Stone (Cherty Limestone) Quarry															
4	New / Expansion / Modification / Renewal	New															
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta															
6	Area in Acres	1-30 Acres															
7	Annual Production (Metric Ton / Cum) Per Annum	1,100Cum/ 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	47,000 Cum (including waste)															
10	Permitted Quantity Per Annum - Cu.m / Ton	660Cum/ Annum (excluding waste)															
11	CER Activities: To Grow 200 No. of additional plantation on either side of the approach road from quarry location to Miriyan Village Road																
12	EMP Budget	Rs. 21.35 Lakhs (Capital Cost) & 14.59 Lakhs (Recurring cost)															
13	Forest.NOC	03.06.2022															

14	Quarry plan	27.09.2022
15	Cluster certificate	20.10.2022
16	Revenue NOC	16.05.2022
17	Notification	24.08.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent submitted letter from DMG dated 17.01.2023, informing that only soil is excavated with the permission of DMG and proponent has not carried out mining of mineral and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there are 05 leases including the present lease within 500 meter radius from this lease and the total area of the leases including the present lease is 9-15 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 460 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry as per standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

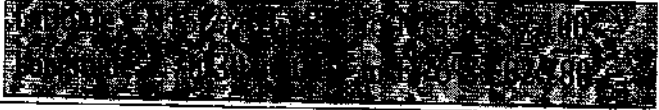
The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 47,000 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 1,100Cum/ Annum (including waste).

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

290.56 Building Stone Quarry (Block-10) at Sangapura Village, Gangavathi Taluk, Koppal District (4-10 Acres) by SreeMaliyamma Devi KalluOdeyuvavara Sangha - Online Proposal No.SIA/KA/MIN/401433/2022 (SEIAA 481 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	SreeMaliyamma Devi KalluOdeyuvavara Sangha
2	Name & Location of the Project	Building Stone Quarry (Block-10) at Sy.No. 19 of Sangapura Village, Gangavathi Taluk, Koppal District (4-10 Acres) 

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	4-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,000 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.04 Crores (Rs. 4 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	8,55,256 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,000 Tones/ Annum (including waste)
11	CER Activities: To Grow 500 No. of additional plantation on either side of the approach road from quarry location	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & 3.05 Lakhs (Recurring cost)
13	Forest NOC	01.06.2022
14	Quarry plan	13.09.2022
15	Cluster certificate	14.09.2022
16	Revenue NOC	15.09.2021
17	Notification	18.01.2023 (manual)
18	DTF	14.06.2022
19	Wild life Distance Certificate	20.12.2022

As per the cluster sketch there is one lease in a radius of 500mtr from the said lease and is exempted from cluster as lease was granted prior to 09.09.2013 and the total area of the applied lease is 4.25 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1000 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after strengthening the approach road to the quarry standard norms & should grow trees all along the approach road during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 8,55,256 Tones (including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,000 Tones/ Annum (including waste).

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

290.57 Building Stone Quarry Project at Gonthaganahudya Village, MandikalHobli, Chikkaballapura Taluk, Chikkaballapura District (2-00 Acres) (QL No. 25-RI) by Sri T S Ashwathappa- Online Proposal No.SIA/KA/MIN/407648/2022 (SEIAA 518 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																					
1	Name & Address of the Projects Proponent	Sri T S Ashwathappa																					
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 09 of Gonthaganahudya Village, MandikalHobli, Chikkaballapura Taluk, Chikkaballapura District (2-00 Acres) (QL No. 25-RI) <table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 36' 53.4"</td> <td>E 74° 47' 01.9"</td> </tr> <tr> <td>B</td> <td>N 13° 36' 52.2"</td> <td>E 74° 47' 04.2"</td> </tr> <tr> <td>C</td> <td>N 13° 36' 49.6"</td> <td>E 74° 47' 00.6"</td> </tr> <tr> <td>D</td> <td>N 13° 36' 48.8"</td> <td>E 74° 47' 00.7"</td> </tr> <tr> <td>E</td> <td>N 13° 36' 47.4"</td> <td>E 74° 47' 59.7"</td> </tr> <tr> <td>F</td> <td>N 13° 36' 48.0"</td> <td>E 74° 47' 58.9"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 13° 36' 53.4"	E 74° 47' 01.9"	B	N 13° 36' 52.2"	E 74° 47' 04.2"	C	N 13° 36' 49.6"	E 74° 47' 00.6"	D	N 13° 36' 48.8"	E 74° 47' 00.7"	E	N 13° 36' 47.4"	E 74° 47' 59.7"	F	N 13° 36' 48.0"	E 74° 47' 58.9"
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3	Type Of Mineral	Building Stone Quarry																					
4	New / Expansion / Modification / Renewal	Expansion																					
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government																					
6	Area in Acres	2-00 Acres																					
7	Annual Production (Metric Ton / Cum) Per Annum	1,57,500 Tones/ Annum (including waste)																					
8	Project Cost (Rs. In Crores)	Rs. 1.25 Crores (Rs. 125 Lakhs)																					
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	11,11,540 Tones (including waste)																					
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,000 Tones/ Annum (excluding waste)																					
11	CER Activities: Construction of one room to GLPS Teelakuntahalli village. <table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GLPS school at Teelakuntahalli village</td> </tr> <tr> <td>2nd</td> <td></td> </tr> <tr> <td>3rd</td> <td>Rain water harvesting to the GLPS school at Teelakuntahalli village</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 in the GLPS school at Teelakuntahalli village</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GLPS school at Teelakuntahalli village	2nd		3rd	Rain water harvesting to the GLPS school at Teelakuntahalli village	4th	Scientific support and awareness to local farmers to increase yield of crop and fodder	5th	Health camp in the GLPS school at Teelakuntahalli village									
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4th	Scientific support and awareness to local farmers to increase yield of crop and fodder																						
5th	Health camp in the GLPS school at Teelakuntahalli village																						
12	EMP Budget	Rs. 42.46 Lakhs (Capital Cost) & 8.60 Lakhs (Recurring cost)																					
13	CCR from M.S.	17.01.2023																					
14	Quarry plan	28.09.2018																					
15	Cluster certificate	22.11.2022																					

The proposal is for expansion, for which EC was earlier issued by SEIAA on 19.05.2015. The proponent submitted audit report till 2021-22 certified by DMG dated 22.11.2022 and CCR from KSPCB dated 17.01.2023.

There is an existing cart track road to a length of 759 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry and the road connecting to the crusher as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 11,11,540 Tones (including waste) and estimated the life of mine to be 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,57,500 Tones/ Annum (including waste).

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

290.58 Ordinary Sand Quarry Project at Ragalaparvi - Village, Sindhanur – Taluk, Raichur – District (6-00 Acres) by M/s. Venkateshwara Minerals - Online Proposal No.SIA/KA/MIN/413009/2023 (SEIAA 03 MIN 2023)

About the project:-

Sl.No.	PARTICULARS	INFORMATION																											
1	Name & Address of the Projects Proponent	M/s. Venkateshwara Minerals																											
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. No. 110/*/* in Ragalaparvi - Village, Sindhanur – Taluk, Raichur – District (6-00 Acres)																											
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H	N 15° 53' 39.6"	E 76° 54' 45.4"																											
3	Type Of Mineral	Ordinary Sand Quarry																											
4	New / Expansion / Modification / Renewal	New																											
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																											

6	Area in Acres	6-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	26,584 Tons/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.37 Crores (Rs. 137 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,32,922Tons(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	26,584 Tons/ Annum (including waste)
11	CER Activities: construction of one room to GHPS Ragalaparvi village.	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to the GHPS school at Ragalaparvi Village.
	2nd	Rain water harvesting pits to the GHPS school at Ragalaparvi Village.
	3rd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	4th	Health camp in GHPS school at Ragalaparvi Village.
	5th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 33.35 Lakhs (Capital Cost) & Rs. 8.77 Lakhs (Recurring cost)
13	Forest NOC	04.03.2022
14	Quarry plan	12.12.2022
15	Cluster Certificate	13.12.2022
16	Revenue NOC	17.03.2022
17	DTF	05.11.2022

The committee initially sought clarification with respect to the earlier workings as per the KML submitted by proponent. The proponent informed the committee that no working has been carried out in the proposed site area and a part of land was excavated to check the depth of sand as part of trial pit and hence justified that the proposed project does not attract violation. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 6-00Acres and hence the project is categorized as B2. As per DMG letter dated 13.12.2022 there are no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 730 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after concreting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 1,32,922 Tons (including waste) and estimated the life of the quarry as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 26,584 Tons/annum(including waste).

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

290.59 Proposed Ore Beneficiation Plant & Manganese Ore Beneficiation Plant Project at Dharmapura Village, Sandur Taluk, Bellary District by M/s. Sri Channakeshava Industries - Online Proposal No.SIA/KA/IND/77102/2021 (SEIAA 05 IND 2021)

About the project:

Sl No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Shree ChannaKeshava Industries
2	Name & Location of the project:	Sy. No. 106, 116 P1 (Part) & 117, Dharmapura Village, Sandur Taluk, Bellary District,
3	New /expansion/modification / product mix change:	New
4	Capacity	4,80,000 TPA (Fe Ore Beneficiation) 15,000 TPA (Mn Ore Beneficiation)
5	Plot Area	10.90 Acres
6	Built Up Area	2.00 Acres
7	Land use pattern Green Belt Coverage - % of total area (trees proposed) Ground Cover area Kharab Others.	4.00 acres
8	Project Cost	Rs. 14.25 Crores
9	Component of development:	Establishment of a Mineral Beneficiation Plant, for processing of low grade Iron/ Manganese Ores
10	Source of water -operational phase:	Ground water through Borewells within the proposed project site after obtaining necessary permissions.
11	Total Water Requirement (Domestic + Industrial) in KLD	240KLD (Total Fresh Water) 216 KLD Process (make-up); 5 KLD (Dust Suppression); 17 KLD (Gardening) and 2 KLD Domestic Requirement
12	Fresh Water in KLD Recycled water in KLD	240 KLD (Fresh Water) 1,944 KLD (Recycled Water)
13	Total waste water generation in KLD	2,160 KLD process waste water of which 90% recycled. 1.80KLD (Domestic Wastewater), to be disposed into septic tank-soak pit
14	Total effluents generation in KLD	2,160 KLD from beneficiation process, of which 1,944 KLD will be recycled through thickeners, filter press etc.

15	Scheme of disposal of excess treated water	The wastewater collected from the beneficiation process will be recycled back into the system, to a maximum extent, through thickeners, filter press etc. The clarified water is recycled back into the system. The slurry collected at the bottom of the thickener will be pumped to the tailing storage area. However, due to continuous and repeated use of recycled water, the solid concentration in the recycled water will increase needing occasional/ periodic blow down
16	Quantity of Tailings and its management	1,49,000 Tons/ Annum, which will be sold to cement companies, brick manufacturers etc.
17	ETP Capacity	Nil
18	STP Capacity	Septic Tank-Soak pit System
19	Waste Generation & its Disposal	<ul style="list-style-type: none"> • Wastewater generated from beneficiation process • Waste water from the run-off from Raw Material Storage Yards • Sanitary wastewater from canteens and toilets
20	Solid Waste	The main solid wastes from the proposed plant will be the dust from air pollution control equipment and tailings.
21	Hazardous Waste	No hazardous waste in the process
22	CER Activities	To concrete the approach road and to grow trees all along the approach road and to take-up environmental protection related works, in the surrounding region of the proposed project area
23	EMP Construction Operation.	Rs. 275 Lakhs EMP Budget in Capital Cost Rs. 26 Lakhs/ Annum EMP budget is recurring cost

The proposal was earlier considered in 288th SEAC Meeting and the committee had deferred the project as the proponent had not incorporated adequate mitigative measures in preventing damage/pollution to Narihalla adjacent to project location and had informed to submit detailed conceptual plan with details of buffers to the Narihalla as per local byelaws, details of anticipated pollution load during operation phase of the proposed project with respect to Narihalla and mitigative measures for the same, handling of tailings and raw materials in view of Narihalla and detailed hydrogeological study for source of water during operation phase and to explore the possibilities to use treated water during operation phase.

The proponent in the present meeting submitted clarification and informed that they had revised the conceptual plan leaving buffer of 45mtrs from the edge of the Narihalla to the proposed plant as per VADA (Vijayanagar Area Development Authority) and had relocated the storage areas of raw material, tailing, concentrate etc.. For pollution load that proponent informed that as the beneficiation process is a wet process and air pollution load as within permissible limits prescribed by CPCB. As they had revised the conceptual plan and relocated the storage of raw materials,

tailings etc. outside the buffer of 45mt from Narihalla stream and tailings to be sold to cement manufacturing companies and brick making units at Taranagar. Further the proponent informed that to reduce the fresh water consumption and to reduce dependency on ground water they are adopting latest technology wherein they recycle upto 90% of total water consumption and also had proposed to incorporate rainwater harvesting structures. The committee accepted the clarification and appraised the project.

The proposal is for establishment of iron and manganese ore beneficiation plant in area converted to industrial purpose. ToR was issued by SEIAA on 01.07.2021 and public hearing was conducted on 22.12.2021. The proponent informed that they had obtained Forest NoC dated 23.08.2022.

The proponent informed the committee that source of water is through two existing bore wells and as per the hydrogeological reports they have sufficient quantity of water to operate and for raw materials, proponent informed that low grade Fe ore and Mn ore to be purchased through e-auction or indigenous market. The tailings of about 30% to be stored separately in tailing pond with linings and after dewatering of 90% of water, tailing would to be sold to nearby cement plants and brick manufactures.

The proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the statutory guidelines for the proposed construction/operation and adhere to the by-laws stipulated by the governing authority for buffers and setbacks. The committee informed the proponent to concrete the approach road and stock yard as per standard norms & would grow three tier of trees all along the buffer of Narihalla stream and approach road/boundary of the project for which the proponent agreed.

The committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area to reduce dependency on groundwater. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC, with conditions to comply the request/opinion/issues of public addressed during public hearing and to obtain clarification from Railway department with respect to proposed railway line in the vicinity of the project site area before start of the project.

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

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

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Sri Vinayaka Crusher
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 14 of Ajjappanahalli Village, Tumkur Taluk, Tumkur District (12-00 Acres)

			BLOCK-01		
			Point	Latitude	Longitude
			1	N 13° 23' 49.0"	E 77° 08' 27.2"
			2	N 13° 23' 51.3"	E 77° 08' 38.0"
			3	N 13° 23' 53.8"	E 77° 08' 37.5"
			4	N 13° 23' 51.9"	E 77° 08' 28.4"
			BLOCK-02		
			Latitude	Longitude	
			N 13° 24' 03.9"	E 77° 08' 42.2"	
			N 13° 23' 55.2"	E 77° 08' 40.6"	
			N 13° 23' 56.6"	E 77° 08' 38.0"	
			N 13° 24' 04.4"	E 77° 08' 38.8"	
3	Type Of Mineral	Building Stone Quarry			
4	New / Expansion / Modification / Renewal	Expansion			
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government			
6	Area in Acres	12-00 Acres			
7	Annual Production (Metric Ton / Cum) Per Annum	1,83,675 Tones/Annum (including waste)			
8	Project Cost (Rs. In Crores)	Rs. 0.73.5 Crores (Rs. 73.5 Lakhs)			
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	9,47,682 Tones (including waste)			
10	Permitted Quantity Per Annum - Cu.m / Ton	1,80,000 Tones/Annum (excluding waste)			
11	CER Activities: To grow 1800 No. of additional plantation on either side of the approach road from quarry location to Ajjappannahalli Village Road				
12	EMP Budget	Rs. 30.65 Lakhs (Capital Cost) & Rs. 6.85 Lakhs (Recurring cost)			
13	Quarry plan	01.07.2021			
14	Cluster certificate	27.07.2021			
15	Notification	24.06.2015			
16	CCR from KSPCB	01.04.2022			

The proposal was earlier considered in 288th SEAC meeting and the committee had deferred the project as the audit report was till 2018-19 and the proponent requested some time for submission of audit report till 2021-22.

In the present meeting the proponent submitted audit report till 2021-22 certified by DMG dated: 22.12.2022. and the committee accepted the audit report and appraised the project.

The proposal is for expansion, for which EC was earlier issued by SEIAA on 17.12.2015 and had obtained CCR for earlier EC from KSPCB dated 01.04.2022.

There is an existing cart track road to a length of 700 meters connecting lease area to the all weather black topped road and the committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry and road leading to crusher as per IRC standard norms and should grow trees all along the approach road, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 9,47,682 Tones(including waste) and estimated the life of the quarry as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 1,83,675 Tons /annum(including waste).

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

290.61 Corundum Quarry Project at Gummaghatta Village, Pavagada Taluk, Tumkur District (2-32 Acres) by Sri Mir Mohammed Rafi - Online Proposal No.SIA/KA/MIN/402685/2022 (SEIAA 421 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION																											
1	Name & Address of the Projects Proponent	Sri Mir Mohammed Rafi																											
2	Name & Location of the Project	Corundum Quarry Project at Sy. No. 382/3 & 381/4 of Gummaghatta village Pavagada Taluk, Tumkur District (2-32 Acres)																											
		<table border="1"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N13° 57' 06.83"</td> <td>E 77° 25' 46.83"</td> </tr> <tr> <td>B</td> <td>N13° 57' 06.44"</td> <td>E 77° 25' 50.49"</td> </tr> <tr> <td>C</td> <td>N13° 57' 05.14"</td> <td>E 77° 25' 50.44"</td> </tr> <tr> <td>D</td> <td>N13° 57' 05.21"</td> <td>E 77° 25' 49.81"</td> </tr> <tr> <td>E</td> <td>N13° 57' 03.75"</td> <td>E 77° 25' 49.60"</td> </tr> <tr> <td>F</td> <td>N13° 57' 04.28"</td> <td>E 77° 25' 44.57"</td> </tr> <tr> <td>G</td> <td>N13° 57' 05.65"</td> <td>E 77° 25' 44.69"</td> </tr> <tr> <td>H</td> <td>N13° 57' 05.50"</td> <td>E 77° 25' 46.72"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N13° 57' 06.83"	E 77° 25' 46.83"	B	N13° 57' 06.44"	E 77° 25' 50.49"	C	N13° 57' 05.14"	E 77° 25' 50.44"	D	N13° 57' 05.21"	E 77° 25' 49.81"	E	N13° 57' 03.75"	E 77° 25' 49.60"	F	N13° 57' 04.28"	E 77° 25' 44.57"	G	N13° 57' 05.65"	E 77° 25' 44.69"	H	N13° 57' 05.50"	E 77° 25' 46.72"
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3	Type Of Mineral	Corundum Quarry																											
4	New / Expansion / Modification / Renewal	New																											
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																											
6	Area in Acres	2-32 Acres																											
7	Annual Production (Metric Ton / Cum) Per Annum	38.00 Cum/ Annum (including waste)																											
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)																											
9	Proved Quantity of mine/ Quarry- Cu.m / Ton.	60,960 Cum (including waste)																											
10	Permitted Quantity Per Annum - Cu.m / Ton	3.8 Cum/ Annum (excluding waste)																											

11	CER Activities: To grow 300 No. of additional plantation on either side of the approach road from quarry location to Gummaghatta Village Road	
12	EMP Budget	Rs. 14.00 Lakhs (Capital Cost) & 3.76 Lakhs (Recurring cost)
13	Forest NOC	05.12.2018
14	Quarry plan	15.09.2022
15	Cluster certificate	14.09.2022
16	Revenue NOC	03.07.2019
17	C & I Notification	12.07.2022

The proposal was earlier considered in 287th SEAC meeting and the committee had deferred the appraisal as proponent informed the committee that they will come back with details regarding process of corundum extraction, water requirement in the process, handling of waste water and handling of waste management.

In the present meeting the proponent informed that they had modified the quarry plan as approved by DMG dated 30.12.2022 for production of 38cum per annum and informed about corundum extraction, water requirement in the process, handling of waste water and handling of waste management. The committee accepted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 2-32 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 400 meters connecting lease area to the all weather black topped road and the committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and road leading to crusher as per IRC standard norms & should grow trees all along the approach road during the first year of operation, to provide three tier plantation all along the boundary and to manage top soil, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 60,960 Cum(including waste) and estimated the life of the quarry to be coterminous with the lease period. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 38.00 Cum/ Annum (including waste).

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

290.62 Ordinary Sand Quarry Project at Shirur Village, Kuknoor Taluk, Koppal District (12-10 Acres) by Sri Udayakumar L Bevinakatti- Online Proposal No.SIA/KA/MIN/403060/2022 (SEIAA 486 MIN 2022)

About the project:

S.No	PARTICULARS	INFORMATION																																	
1	Name & Address of the Projects Proponent	Sri Udayakumar L Bevinakatti																																	
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos.41/1, 41/2, 41/3, 41/4 & 41/5 of Shirur Village, Kuknoor Taluk, Koppal District (12-10 Acres)																																	
		<table border="1"> <thead> <tr> <th>Corner Point No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 15°29' 53.46082"</td> <td>E 76° 05' 54.26012"</td> </tr> <tr> <td>B</td> <td>N 15°29' 52.4229"</td> <td>E 76° 05' 58.3288"</td> </tr> <tr> <td>C</td> <td>N 15°29' 50.95006"</td> <td>E 76° 05' 57.04258"</td> </tr> <tr> <td>D</td> <td>N 15°29' 48.93631"</td> <td>E 76° 05' 56.95963"</td> </tr> <tr> <td>E</td> <td>N 15°29' 47.2196"</td> <td>E 76° 05' 57.9007"</td> </tr> <tr> <td>F</td> <td>N 15°29' 46.0043"</td> <td>E 76° 06' 00.0414"</td> </tr> <tr> <td>G</td> <td>N 15°29' 44.84702"</td> <td>E 76° 05' 59.72479"</td> </tr> <tr> <td>H</td> <td>N 15°29' 44.63427"</td> <td>E 76° 05' 58.22300"</td> </tr> <tr> <td>I</td> <td>N 15°29' 40.67419"</td> <td>E 76° 05' 56.75589"</td> </tr> <tr> <td>J</td> <td>N 15°29' 44.03554"</td> <td>E 76° 05' 52.04551"</td> </tr> </tbody> </table>	Corner Point No	Latitude	Longitude	A	N 15°29' 53.46082"	E 76° 05' 54.26012"	B	N 15°29' 52.4229"	E 76° 05' 58.3288"	C	N 15°29' 50.95006"	E 76° 05' 57.04258"	D	N 15°29' 48.93631"	E 76° 05' 56.95963"	E	N 15°29' 47.2196"	E 76° 05' 57.9007"	F	N 15°29' 46.0043"	E 76° 06' 00.0414"	G	N 15°29' 44.84702"	E 76° 05' 59.72479"	H	N 15°29' 44.63427"	E 76° 05' 58.22300"	I	N 15°29' 40.67419"	E 76° 05' 56.75589"	J	N 15°29' 44.03554"	E 76° 05' 52.04551"
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3	Type Of Mineral	Ordinary Sand Quarry																																	
4	New / Expansion / Modification / Renewal	New																																	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																																	
6	Area in Acres	12-10 Acres																																	
7	Annual Production (Metric Ton / Cum) Per Annum	71,032 Tons/ Annum (including waste)																																	
8	Project Cost (Rs. In Crores)	Rs. 1.86 Crores (Rs. 186 Lakhs)																																	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,55,160 Tons (including waste)																																	
10	Permitted Quantity Per Annum - Cu.m / Ton	71,032 Tons/ Annum (including waste)																																	
11	CER Activities:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS school at Shirur Village.</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to Shirur Village.</td> </tr> <tr> <td>3rd</td> <td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns in GHPS at Shirur Village.</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS at Shirur Village.</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS school at Shirur Village.	2nd	Rain water harvesting pits to Shirur 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 Shirur Village.	5th	Health camp in GHPS at Shirur Village.																					
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12	EMP Budget	Rs. 27.54 Lakhs (Capital Cost) & Rs. 10.58 lakhs (Recurring cost)																																	

13	Forest NOC	10.08.2022
14	Quarry plan	10.10.2022
15	Cluster certificate	10.10.2022
16	Revenue NOC	19.07.2022
17	DTF	25.08.2022

The proposal was earlier considered in 288th SEAC Meeting as the proponent remained absent the committee had deferred the appraisal of the project.

In the present meeting, as per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 12.10 Acres and hence the project is categorized as B2. As per DMG inspect report there is no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 190 meters connecting lease area to the all weather black topped road and the committee informed that the mining operation should be commenced after concreting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and also to grow trees all along the approach road/both sides of halla during the first year of operation, for which the proponent agreed.

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

The committee noted that the baseline parameters are found to be within permissible limits and the committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 3,55,160 Tons (including waste) and estimated the life of the quarry as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an 71,032 Tons /annum(including waste).

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

290.63 Proposed 60 KLPD (Juice/ Syrup based) distillery, 6 TPD Bio CNG, 20 TPD fertilizer powder, 42 TPD CO₂, captive Power generation of 3 KW/hr at Sy. Nos.106/2 (P), 106/3,109/1 & 109/3 of Alagawadi Village, Raybag Taluk, Belagavi District by M/s. Askins Bio-Fuels Pvt. Ltd. - Online Proposal No.SIA/KA/IND2/48888/2019 (SEIAA 47 IND 2019)

The proposal was earlier discussed in 287th SEAC Meeting and the committee after discussion decided to maintain status quo until issue of final Orders by the Hon'ble HC in W P no. 102856/2022. Committee decided to defer the proposal until issue of Final Orders.

SEIAA has referred the Orders of the Hon'ble High Court in W P no. 102856/2022 dated: 06.01.2023 and to deliberate accordingly, as per the Hon'ble HC Orders. Extract of the Orders as under,




" 88. Since, it is held from the discussion narrated above that Askins is indeed a Sugar Factory, for the purposes of the Sugarcane (Control) Order, the order passed by the Cane Commissioner directing Askins to stop construction and directing Bhramanandasagar to stop the supply of sugarcane juice or sugar syrup, cannot be found fault with. The Cane Commissioner has basically ensured that the statutory restriction imposed in Clause 64 of the Sugarcane (Control) Order is adhered to and is not defeated by the setting up an Ethanol Plant by Askins.

89. Learned counsel also tried to construct an argument that the Sugarcane (Control) Order did not use the term "stand-alone Distillery" and therefore, the clarification issued in respect of the Stand-alone Distillery on 13.01.2022 was improper. He submitted that the clarification could not be used to create a restriction which is not available under the Sugarcane (Control) Order.

90. As stated above, since Askins is clearly a Factory or a Sugar Factory as defined under the Sugarcane (Control) Order, the use of the term Stand-alone Distillery in the clarification would be of no relevance and Askins, by virtue of being a Sugar Factory, cannot set up an Ethanol Manufacturing Plant within 15 kilometers of the Factory of Alagawadi.

91. I am, therefore, of the view that there is no merit in this writ petition and the same will have to be dismissed. The writ petition is accordingly dismissed."

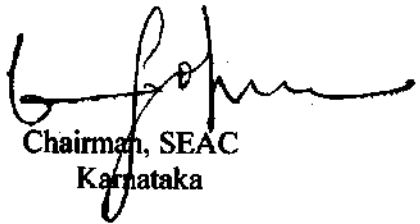


M/s. Askins Biofuels Pvt. Ltd. had sent letter dated 24.01.2023 requesting for adjournment and to consider the subject during next month. They also requested that they should be heard before SEIAA and later on in SEAC. The committee took note of the request letter of M/s. Askins Biofuels Pvt. Ltd. dated:24.01.2023. Committee after discussion and deliberation decided to reiterate its decision taken in 286th SEAC meeting to withdraw the EC granted to M/s. Askins Biofuels Pvt. Ltd. based on the Orders of Hon'ble High Court of Karnataka and decided to recommend the proposal accordingly to SEIAA for further necessary action.

Action: Member Secretary, SEAC to forward the decision of the Committee to SEIAA for further necessary action.

Meeting Concluded with vote of thanks to all.


Member Secretary, SEAC
Karnataka


Chairman, SEAC
Karnataka