M.S. SEEMA

Proceedings of the 238th SEAC Meeting held on 21st and 22nd January 2020

21nd January 2020

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah,IFS(R)	-	Member
Dr.N Krishnamurthy	-	Member
Dr M.I Hussain	-	Member
Shri M. Srinivasa	-	Member
Shri J.G Kaveriappa	-	Member
Sri G.T Chandrashekrappa	-	Member
Dr K.B Umesh	-	Member
Sri Vyshak V Anand	-	Member
Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member
Sri Venugopal V	-	Member
Shri Md.Saleem I Shaikh	-	Member
Dr.S.Venkatesan IFS	-	Secretary

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. All the members present have confirmed that they have received the full set of copies of the project documents which are submitted to the Authority by the project proponent to be appraised in 238th SEAC meeting. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006.The MoEF Notification Dated:1st July 2016, NGT orders Dated:13-1-2015, 13-9-2018, 11-12-2018 and the O.M Dated:12-12-2018 pertaining to mining of minerals were brought to the notice and read before the committee and also brought to the notice of the committee that all the mining projects need to be appraised in light of above mentioned NGT orders, Notification and OM issued by MoEF & CC, GoI. The supreme court judgment dated:5-3-2019 pertaining to buffer zones mandated for construction/industrial projects was brought to the notice and read before the committee.The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 237th **SEAC meeting** held on 2nd and 3rd January 2020.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 237th SEAC meeting held on 2nd and 3rd January 2020 and confirmed the same.

10:15 AM to 1:30PM

EIA Projects

238.1. Proposed Formation of Composite Housing Scheme at Sy. No. 21/1, 21/2, 21/3, 21/4, 21/5, 21/6, 21/7, 21/8, 21/9, 21/10, 22/1, 22/2, 22/3, 22/4, 22/5, 22/6, 22/7, 22/8, 22/9, 22/10, 23/1, 23/3, 23/4, 24, 25, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6P, 26/7, 27/1, 27/2, 27/3, Rayasandra Village Kanakapura Taluk, Ramanagara District of Karnataka Housing Board, 3rd & 4th floor, Cauvery Bhavan, K.G road, Bangalore-560009 **By Karnataka Housing Board(SEIAA 200 CON 2015)**

Name of Applicant: Executive Engineer, Karnataka Housing Board
Name of the Consultant: M/s. Ramky Enviro Engineers Ltd.,

Karnataka Housing Board have applied for Environmental clearance from SEIAA for their proposed formation of composite Housing scheme at Rayasandra Village Kanakapura Taluk, Ramanagara District. under 8(a) of schedule EIA Notification – 2006 under category B. Total cost of the project is 306.58 Crores.

Latitude: 12⁰ 35'44.13"N
Longitude: 77⁰26'17.26"E

Land details: - Net area for Land use is 146 A, 5.2 G (59.13 Ha)

Sl.No	Description	Sq.m	Acres	%
1	Residential	306207.00	75.66	51.78
2	Commercial	15188.90	3.75	2.57
3	Civil Amenities	31,707.50	7.83	5.36
4	Roads	156227.76	38.60	26.42
5	Parks & open spaces	82035.90	20.27	13.87
Total		**591367.06**	**146.12**	**100**

1. The proposed project comprising of 2592 No's of plots.

Sl.No	Category	Plot Size (M)	Total No. of Plots
1	EWS	6x9	427
2	LIG	9x12	1154
3	MIG	9x15	682
4	HIG	12 x18	329
TOTAL			**2592**

2. **Water Requirement:** Total water requirement is 2018 KLD. The source of water supply is KUWSDB (Permission yet to be taken).
3. **Wastewater Management:-** The total quantity of waste water generated is 1636 KLD and treated is STP of design capacity of 1.5 MLD.
4. **Excavated Earth Management:**-The proposed project is an area development project, there will be no cellars & basements hence no earthworks are involved.
5. **Solid Waste Management:** Total waste generated in the project is 8080 Kg/day; which includes 7,776 Domestic waste and 304 kg/day of Commercial waste.
6. **Hazardous Waste Management:** Oil sludge of 25 ltrs/annum generated, will be given to KSPCB, designated waste oil recyclers handed over to KSPCB designated waste oil recyclers.
7. **Energy Requirement:** Total power requirement of 9,116 KVA is sourced from BESCOM; Backup power details not mentioned.
8. **Traffic Details:** Traffic details not mentioned
9. **Environment sensitivity:**

    - **Arkavali River is 3 Km(W)**
    - **Mavathur Reservoir 3 Km (SW)**
    - **Bannerghatta National Park 19 Km (NE)**

10. **Connectivity:** The project is located at a distance of 20km (NNW) from Ramanagara city. The Ramanagaram railway station is located at a distance of 21.24 km(NNW) from the project site. The project site is adjacent to the Kanakapura to Bangalore road.

The Proponent and Environment Consultant attended the 156th meeting of SEAC held on 28th, 29th and 30th December 2015 to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and decided to issue Standard TOR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional TORs.

1. Since the project area is abetting to NH-209, and considering the expansion of the highway, as per the law, the distance from the highway to be left
2. Revised land use plan – allocating 33% for green belt area
3. All round the plot area, min 7.50 m width green belt to be proposed
4. Approval from competent authority regarding the plan approval
5. NOC from Municipal authority for supply of water & study of impact on the competitive users is to be conducted.
6. Protective measures taken to protect adjoining lakes & nala running in the site area.
7. Sewage waste should not be discharged into the lake situated in the D/s of the project area.
8. Classification of Nala w.r.t. primary, secondary & tertiary nala & Protection of existing nala, present condition, measures taken to protect them & required buffer to be left based on the classification.
9. No. of trees existing and No. of trees proposed to be cut along with names list and No. & list of trees proposed to be planted. (in the ratio of 1 (cut): 3 (planted)

Accordingly the TORs were issued on 25.02.2016.

The project proponent has submitted the EIA report vide letter dated 26.09.2016.

The Proponent and Environment Consultant from M/s. Ramky Enviro Engineers Ltd., attended the 175th meeting of SEAC held on 28th, 29th and 30th December 2016 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee made the following observations:

1. Original village map duly marking the project site has not been submitted
2. RTC for the entire land area for individual Sy. No. are not furnished
3. Location of the nala with extent not furnished
4. Kharab land details and nature of kharab land has not been submitted
5. The proponent stated that the source of water is from BWSSB and BWSSB has agreed to provide water supply to this project for which consent letter has not been submitted
6. Soak pits/ septic tanks are proposed during construction period
7. Discrepancies are noted in the analysis reports furnished in respect of hardness in ground water analysis as well as dissolved salts in soil
8. Discrepancy observed in the wind rose diagram

The committee after discussion had decided to recall the proponent after submission of the following information.

1. Original village map duly marking the project site
2. RTC for the entire land area for individual Sy. Nos
3. Location of the nala with extent
4. Kharab land details and nature of kharab land
5. Land use to be revised after calculating the nala buffer area separately and required buffer has to be provided as per the NGT order dated 04.05.2016 which shall be maintained as NDZ area
6. The proponent stated that the source of water is from BWSSB and BWSSB has agreed to provide water supply to this project for which consent letter from BWSSB is to be furnished
7. Soak pits/ septic tanks are provided during the construction period which shall be avoided and mobile STPs are to be used
8. Discrepancies are noted in the analysis reports furnished in respect of hardness in ground water analysis as well as dissolved salts in soil which are to be rechecked and submitted
9. Discrepancy in the wind rose diagram is to be rechecked and submitted
10. Baseline data to be revised and submitted
11. Before drawing the ground water, Ground Water Authority permission to be obtained
12. Nala protection measures to be furnished
13. Socio Economic data to be submitted
14. List of existing tree species, to be cut and new plants to be planted in the ratio of 1:3 with design to be furnished
15. Hydrology study of the surface water flow considering the micro water shed network of the region

The proponent has not submitted the replies.

The proponent was invited for the 177th SEAC meeting held on 7th February 2017 to provide required clarification. The proponent has submitted a letter during the meeting requesting the committee to postpone their subject to the next meeting as they require some more time to submit the documents/additional information.

The committee after discussion had decided to provide final opportunity to the proponent to submit the information sought by the committee in its earlier meeting failing which the proposal will be recommended to SEIAA for closure.

The proponent has not submitted the replies.

The Proponent and Environment Consultant attended the 179th meeting of SEAC held on 22nd March 2017 to provide clarification/additional information.

The committee had decided to defer the proposal to the next meeting since the proponent could not present properly the details pertaining to village map with respect to the project site.

The Proponent and Environment Consultant attended the 180th meeting of SEAC held on 7th April 2017 to provide clarification/additional information.

The committee after discussion decided to defer the proposal to the next meeting for want of additional information and clarification regarding applicability of NGT order with respect to existing nalas and water bodies within the project site.

The proponent was invited for the 181st meeting of SEAC held on 21st April 2017 to provide required clarification. The proponent has submitted a letter during the meeting requesting the committee to postpone their subject to the next meeting as they require some more time to submit the documents/additional information.

The committee after discussion had decided to provide final opportunity to the proponent to submit the information sought by the committee in its earlier meeting failing which the proposal will be recommended to SEIAA for closure.

The proponent was invited to the 182nd SEAC meeting held on 26th April 2017 to provide required clarification. The proponent remained absent.

The committee decided to defer the proposal providing one more opportunity to the proponent to submit the information sought in the earlier meetings and to present the proposal in the next meeting.

The proponent has not submitted the information sought.

The proposal is therefore placed before the committee for decision.

The project proponent appeared before the committee and requested the committee to provide one more opportunity to present the proposal as they are not fully prepared for the presentation.

The Committee therefore decided to provide one more opportunity to proponent to present the proposal in the next meeting.

In the meanwhile the proponent has submitted a letter dated:31-10-2017 and requested that since the proposed project does not come under the purview of NGT order, their proposal shall be considered for the issue of Environmental clearance.

The proponent was invited for the 192nd meeting held on 30th and 31st January 2018 to provide required clarification/additional information.

The proponent submitted the xerox copy of the 16th proceedings of the BMRDA meeting held under the chairmanship of Hon'ble Chief Minister on 21-1-2017 along with the same covering letter in the meeting.

The committee noted that the project site under consideration is outside BBMP/BDA area and it comes under BMRDA. The proponent has requested not to enforce NGT order since it is outside the BBMP/BDA area and requested to consider the case as per the clarifications issued in the 16th proceedings of BMRDA held on 21-1-2017 under the chairmanship of Hon'ble Chief Minister, Government of Karnataka. But this proceedings copy has not been communicated to the Dept., of Ecology and Environment. In the 187th SEAC meeting held on 20th and 21st November 2017, in a similar case, the committee had sought for guidance in this regard. Since the committee was not receipt of any clarification from SEIAA, the committee could not proceed with the appraisal and decided to wait for the clarification.

The committee after discussion had decided to defer the proposal till this issue is clarified.

Clarification was sought from SEIAA for a similar case in its 142nd meeting held on 9th February 2018 the Authority opined that it is just and necessary to continue to make the orders of the Hon'ble NGT applicable to the proposals located in the BMRDA jurisdiction also and hence the file was referred back to SEAC with this observation/opinion.

In view of the clarification from SEIAA, the committee opined that the NGT order regarding buffer zone for water bodies will holds good for this project area also and in view of the above the entire project needs to be recasted. Since the file is pending since 2015 the SEAC after discussion and deliberations decided to recommend for closure.

The proponent was invited for the 237th meeting held on 3rd January 2020 for appraisal.

The proponent and Environment consultant attended the 237th meeting held on 03-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the recommendation from the authority to reconsider the proposal as per the Honourable supreme court order Dt.03-05-2019 regarding the buffer mandated for construction projects.

Proponent and consultant attended the meeting and committee noted that the details required to proceed with the appraisal has not been circulated among the committee members well in advance and proponent has agreed to comeback next time after circulating the information well in advance. In view of the above the committee decided to list in the next meeting. Hence the committee decided to defer the project.

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020.

As seen from the records the basic data was collected during the year 2016 which is more than 3 years and cannot be adopted at present. In view of the above the proponent and consultant requested for issue of fresh TORs and they have requested that they will collect one season data and requested the committee to permit them to proceed with the preparation of EIA based on this data. For which the committee has agreed.

Further the proponent stated that the project site is 7.1KM from the boundary of the Bannerghatta National park for which the final notification of ESZ is not been notified. Hence the committee after discussion and deliberation decided to defer the project.

Action: : Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.2. Proposed Modification & Expansion of Bulk Drug & Intermediates Unit Project at Plot **Nos.**94 & 95(P), KIADB Industrial Area, Situated in Sy.No.214 of Gadwanth Villages, Humnabad Hobli & Taluk, Bidar District by **M/s. Lakshmidurga Drugs & Intermediates Pvt. Ltd. (SEIAA 19 IND (VIOL) 2018)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. D. Saibabu Director At Plot No.3-6-7, 1st floor, Shop No.27, Behind Vivekananda nagar colony Post office, Kukatpally, Hyderabad - 500 072
2	Name & Location of the Project	M/s. Lakshmidurga Drugs & Intermediates (P)

			Ltd, At Plot No. 94 & 95 (P), KIADB Industrial Area, situated in Sy No. 214 of Gadwanthi Village, Humnabad Hobli & Taluk, Bidar District, Karnataka
3	Co-ordinates of the Project Site		Latitude - 17°45'30"N Longitude - 77°05'23"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Dhumansur lake – 6 Km (NE)
	b.	Distance from Protected area notified under wildlife protection act	Pandaragera reserve forest – 8 Km (SW)
	c.	Distance from the interstate boundary	No
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change		Modification & Expansion
7	Plot Area (Sqm)		16,188 Sqmt
8	Built Up area (Sqm)		2,800 Sqmt
9	Component of developments		"Manufacturing of Bulk drug and Intermediates unit"
10	Project cost (Rs. In crores)		Rs.10 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	2,800 Sqmt
	b.	Kharab Land	--
	c.	Internal Roads	4,000 Sqmt
	d.	Paved area	--
	e.	Parking	--
	f.	Green belt	8,388 Sqmt
	g.	Others Specify	Vacant area - 1,000 Sqmt
	h.	Total	16,188 Sqmt
12	Products and By- Products with quantity (enclose as Annexure if necessary) Refer Annexure-1		

List of proposed products

S. No.	Name of the product	Quantity in MTPM

1	Ketoconazole and its intermediates	1
a	Cis-Tosylate	4
b	Cis-Bromobenzoate	20
2	Itraconazole and its intermediates	0.5
a	Triazole alcohol	2
b	Cys-mesylate	2
3	2-Chloroacetamide	1
4	Fluconazole and its intermediates	2
a	1-(2,4-Difluorophenyl)-1-(1H-1,2,4- triazole-1yl)-ethanone (DFTA)	5
b	2-(2,4-Difluorophenyl)-1-(1H-1,2,4-triazole-1yl) 2,3Epoxy propane-Methane sulphonate (EPOXY MESYLATE)	3
5	Azacyclonol	2
6	Sumatriptan succinate and its intermediates	0.1
a	4-Hydrazino-N-methylbenzenemethane sulfonamide (HMBS)	1
b	4-Chlorobutyraldehydesodiumbisulfite (CBA)	1
7	Amlodipine besylate	2
8	Octyl methoxy cinnamate	20
9	Veratric acid	2
10	Clopidogrel intermediates	
a	2-Chlorophenyl glycine methyl ester tartarate	5
b	(+)-N-(2-(2-Thionyl) ethyl)-2-chlorophenyl glycine methyl ester hydrochloride	1.5
11	Recovered Cis-Bromobenzoate	5

Note: Maximum two to three products will be produced at a time.

13 Raw material with quantity and their source (enclose as Annexure if necessary)
Detailed in feasibility report

KETOCONAZOLE AND ITS INTERMEDIATES:

Raw Material	Quantity	CC
CBB	780.0	1.53
IMD	333.0	0.65
DMF	37.2	0.07
Sodium Bicarbonate	148.2	0.29
P-toluene sulfonyl chloride	465.0	0.91
Methylenechloride	193.5	0.38
Sodium carbonate	307.5	0.60
Carbon	26.0	0.05
Vacuum salt	6.0	0.01

Sodium hydroxide	170.0	0.33
Hydrochloric acid	169.5	0.33
Acetone	40.0	0.08
Toluene	68.5	0.13
Sodium methoxide powder	70.0	0.14
Dimethyl sulfoxide	68.0	0.13
Para hydroxyl phenyl n- acetyl piperazine	285.0	0.56
Ethyl acetate	200.4	0.39
Methanol	70.0	0.14
Ketoconazole	510.0	1.00

CIS-BROMO BENZOATE:

Raw Materials	Quantity	CC
2,4-Dichloroacetophenone	500.0	0.67
Benzoyl Chloride	464.0	0.62
Bromine	468.0	0.62
CS Flakes	181.0	0.24
Glycerin	271.0	0.36
Liq. Ammonia	374.5	0.50
Methanol	2172.5	2.90
N- Butanol	150.0	0.20
PTSA	13.5	0.02
Sodium Bicarbonate	30.0	0.04
TEBAC	9.5	0.01
Toluene	1720.0	2.29
Output – CBB	750.0	1.00

ITRACONAZOLE AND ITS INTERMEDIATES:

Raw Materials	Quantity	CC
1-(4-Methyxy) piperadine	86.9	1.02
1H,1,2,4-Triazole	70.4	0.83
2-Bromo butane	33.2	0.39
Acetone	5.5	0.06
Carbon	7.8	0.09
Cis-Bromobenzoate	111.3	1.31
Dimethyl formamide	44.5	0.52
Ethyl acetate	12	0.14
Formamidine acetate	63.6	0.75

Hydragin hydrate	65.0	0.77
Hydrobromic acid	26.4	0.31
Hydrochloric acid	38.4	0.45
Hydrogen gas	10	0.12
Hyflow supercell	6.7	0.08
Methane sulfonyl chloride	38.3	0.45
Methanol	25.3	0.30
Methylene chloride	12.8	0.15
n-Butanol	2.6	0.03
Palladium carbon	0.1	0.00
Paranitro chlorobenzene	71.2	0.84
Phenyl chloroformate	78.6	0.93
Potassium carbonate	233.8	2.75
Potassium hydroxide	52	0.61
Soda ash	86.7	1.02
Sodium bicarbonate	71.0	0.83
Sodium hydroxide	17.5	0.21
Toluene	9.1	0.11
Triethyl amine	40.2	0.47
Itraconazole	85.0	1.00

2-CHLOROACETAMIDE

Raw Materials	Quantity	CC
Ammonia solution	483	2.42
Methyl 2-chloroacetate	250	1.25
2-Chloroacetamide	200	1.00

FLUCONAZOLE AND ITS INTERMEDIATES

Raw Material	Quantity	CC
1,2,4-Triazole	165	0.66
1,3-Difluorobenzene	200	0.80
4-Amino-1,2,4-Triazole	162	0.65
Aluminium Chloride	240	0.96
Ammonia Solution	840	3.36
Carbon	15	0.06
Chloroacetyl chloride	210	0.84
Citric acid	15	0.06
Hydrochloric acid	505	2.02
Hyflow supercell	12	0.05

IPA	790	3.16
Methylene chloride	1200	4.80
Potassium Hydroxide	235	0.94
Sodium bicarbonate	15	0.06
Sodium Nitrite	118	0.47
Toluene	2100	8.40
Trimethyl sulphoxonium Iodide	330	1.32
Fluconozole	250.0	1.00

AZACYCLO NOL

Raw Matrial	Quantity	CC
Isonipecotic acid	200.0	0.49
Toluene	79.0	0.19
Mg. turnings	188.0	0.46
Tetra hydrofuran	54.0	0.13
Chloro benzene	57.0	0.14
Phenyl magensium chloride	37.0	0.09
Azacyclonol	408.0	1.00

SUMATRIPTAN SUCCINATE AND ITS INTERMEDIATES

Raw Material	Quantity	CC
Acetone	17.0	0.61
Hydrazine hydrate	127.8	4.56
C.S. Lye	272.0	9.71
Carbon	22.7	0.81
Chloroform	8.0	0.29
CP HCl	571.2	20.40
Dimethyl carbonate	7.7	0.35
Dimethylamine (40%)	200.0	7.14
Ethyl Acetate	27.6	0.99
Hyflow supercell	6.4	0.23
Isopropyl alcohol	91.5	3.27
Methanol	33.1	1.18
Methylene dichloride	43.8	1.56
Mono-methylamine (40%)	146.3	5.22
para-Nitrobenzyl bromide	146.3	5.23
Phosphorus pentoxide	95.7	3.42

$POCl_3$	146.3	5.22
Potassium bromide	11.7	0.42
Potassium iodide	51.2	1.83
Sod. Thiosulfate	7.3	0.26
Sodium bicarbonate	336.4	12.01
Sodium carbonate	123.6	4.41
Sodium hypochlorite	82.4	2.94
Sodium meta-bisulfite	37.4	1.34
Sodium sulphate	12.0	0.43
Sodium sulphite	107.9	3.85
Succinic acid	10.5	0.38
TBAB	1.4	0.05
TEMPO-2,2,6,6-Tetramethylpiperidine 1-oxyl	0.3	0.01
Tetrahydrofuran	258.4	9.23
Toluene	30.2	1.08
Vacuum Salt	242.5	8.66
Suma. Succinate	28.0	1.00

AMLODIPINE BESYLATE

Raw Materials	Quantity	CC
Acetic acid	43	0.43
Benzerne Sulfonic acid	64	0.64
Ethyl acetate	14	0.14
Ethyl chloro aceto acetate	55	0.55
HCl	5	0.05
Hexane	22	0.22
Liq ammonia	96	0.96
Methanol	5	0.05
Methyl aceto-acetate	50	0.50
MMA	375	3.75
Monoethanol amine	45	0.45
Ortho chloro benzaldehyde	40	0.40
Phthalic anhydride	100	1.00
Piperidine	2	0.02
Sodium chloride	50	0.50
Sodium hydride	28	0.28
Toluene	23	0.23
Amlo. Basylate	100	1.00

OCTYL METHOXY CINNAMATE

Raw Material	Quantity	CC
Para anisic aldehyde	300	0.50
Ethyl acetate	1300	2.15
Sodium methoxide	150	0.25
Water	500	0.83
2-Ethyl hexanol	350	0.58
OMC	605	1.00

VERATRIC ACID

Raw Material	Quantity	CC
Vanillin	212	1.04
Sodium hydroxide	69	0.34
Dimethyl sulphate	180	0.88
Sulphuric acid	14	0.07
Hydrogen peroxide	636	3.12
Acetonitrile	60	0.29
Sodium thiosulphate	185	0.91
Methylene dichloride	200	0.98
Hydrochloric acid	64	0.31
Sodium bicarbonate	77	0.38
Veratric acid	204	1.00

CLOPIDOGREL INTERMEDIATES

Raw Material	Quantity	CC
2-Chlorophenyl glysine	300.0	0.81
Acetone	70.0	0.19
L(+) Tartaric acid	240.0	0.65
Liquor ammonia	270.0	0.73
Methanol	260.0	0.70
Methylene dichloride	180.0	0.49
Sulphuric acid	300.0	0.81
Intermediate-I	370.0	1.00

14	Mode of transportation of Raw material and storage facility	The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will

			be in stores	
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard	
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry	
17	Complete process flow diagram and technology employed		Will be detailed in EIA	
18	Details of Plant and Machinery with capacity/ Technology used		2TPH - Boiler Capacity 165 KVA - Dg capacity MEE of 20 KLD capacity	
19	Details of VOC emission and control measures wherever applicable		--	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Bore well water	
	b.	Quantity of water for Construction in KLD	1 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD	
	d.	Waste water generation in KLD	0.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in soak pit	
	II	Operational Phase		
	a.	Source of water	Bore well water	
	b.	Total Requirement of Water in KLD	Fresh	24 KLD
			Recycled	5 KLD
			Total	29 KLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	19.5 KLD
			Recycled	2 KLD
			Total	21.5 KLD
	d.	Requirement of water for domestic purpose in KLD	Fresh	2.5 KLD
			Recycled	--
			Total	2.5 KLD
	e.	Waste water generation in KLD	Industrial effluent	13 KLD
			Domestic sewage	2 KLD
			Total	62.8 KLD
	f.	ETP/ STP capacity	Biological treatment plant - 15KLD	
	g.	Technology employed for Treatment	MEE of 20 KLD capacity with stripper and ATFD	

	h.	Scheme of disposal of excess treated water if any	Zero discharge
21	Infrastructure for Rain water harvesting		15 KLD will be provided to recharge roof rain water
22	Storm water management plan		For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.
23	Air Pollution		
	a.	Sources of Air pollution	Dg set, Boiler
	b.	Composition of Emissions	--
	c.	Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment
24	Noise Pollution		
	a.	Sources of Noise pollution	Dg set, motors, compressor
	b.	Expected levels of Noise pollution in dB	75 dB
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures
25	WASTE MANAGEMENT		
	I.	Operational Phase	
			Inorganic Solid Waste: 9.5 kg/day MEE salts: 788 kg/day
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Description / Quantity Waste oil: 100 L/month HDPE drums/ LDPE bags: 40 kg/month Used lead acid batteries: 2 No's/ Annum Spent carbon: 32.6 kg/day Detoxified container: 200 No's/month Solvent distillation bottom residue: 1147 kg/day
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26	Risk Assessment and disaster management		Will be provided during EIA submission
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	Electricity- GESCOM - 165 KVA

	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	165 kVA X 1
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Boiler - Coal Dg set – HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.
28	PARKING		
	a.	Parking Requirement as per norms	80 numbers
	b.	Internal Road width (RoW)	Approach road width - 18m Internal road width - 6m (min)
29		Any other information specific to the project (Specify)	--

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal as per the Notification dated: 8-3-2018 issued by MoEF & CC considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. The proponent has requested the committee to permit him to adopt the baseline studies made during Nov-2016 to Jan 2017 for the same project under the pretext that the baseline studies done for the same project holds good for three years for which the committee accepted the same. The committee decided to recommend the proposal to SEIAA for issue of Standard ToRs and following additional TORs to conduct the EIA studies along with public hearing in accordance with the EIA Notification 2006 and relevant guidelines and to conduct public hearing.

1) Compliance to CFO conditions as well as notice issued by the KSPCB and status of the industry
2) Justification for the No. of products and No. of reactors provided
3) Material balance and mass balance for all the products
4) Detailed study of the soil analysis inside the premises of the industry is to be done and provided
5) Raw material to product and product to waste generation ratio for each product to be given
6) Water analysis to be done for all the 14 parameters for all the nearby borewells within 2 km radius
7) Details of adjacent industries and impact on the same from this industry
8) Existing greenbelt details and proposed with design to be provided

9) Scheme for storage and disposal of hazardous waste as per the hazardous waste handling and disposal rules
10) Storage and handling method of bromine in the process
11) Control system provided for the sulphur dioxide and Fugitive emission of the same to be given
12) Alternative solvents to chloroform and EDC in the process may be given
13) Safety measures taken in the hydrogenation process to be explained in EIA and alternative solvents/ Catalysts using in the hydrogenation process
14) In the monitoring protocols of ambient air, VOC to be incorporated
15) Solvent storage and solvent recovery system to be explained. Explain the % of loss, % of recovery and disposal of recovered solvents with scheme is to be furnished
16) Green chemistry adopted in the process to be highlighted and explained
17) List of banned chemicals to be provided and alternative chemicals to replace the banned chemicals
18) Location of the monitoring station should be decided so as to take into consideration the predominant downwind direction, population zone and sensitive receptors. There should be at least one monitoring station in the upwind & down wind direction at a location where maximum ground level concentration is likely to occur.
19) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research CSIR) institution working in the field of environment.
20) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
21) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.

Accordingly TORs were issued on 15-06-2019. The proponent has submitted the EIA report vide letter dated: 06-01-2020. The same was placed before 238th SEAC meeting for EIA appraisal.

The proponent and consultant attended 238th SEAC meeting held on 21-01-2020 for EIA appraisal.

The proponent has stated that he has operated the plant based on the CFE and CFO issued by KSPCB and he has not violated any conditions stipulated thereon till 2017. After KSPCB pointed out that the proponent has to obtain EC the proponent has made out an application for EC and stopped operations since then till date. Based on this the proponent has stated that he has not violated any terms and conditions issued by competent authorities.But however this project having been classified under violation category for not obtaining EC the proponent has stated that he has worked out the retribution cost on the ambient air and water quality based on the carbon credit standards and arrived at an amount of Rs 3.29 lakhs and further he has proposed the remediation works for an amount of Rs 6.00 lakhs and requested the committee to accept his proposal and recommend for issue of EC.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following condition:

1) The proponent has to explore the alternatives for toxic toluene or else prepare toxicity report for the end product.

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

Deferred project

238.3. Proposed Residential Development Project at Sy.Nos.68, 69/1, 69/2, 71/1, 71/2, 73, 74/1B, 75, 76, 77/1, 77/2, 78, 79, 80, 82/2 of Attur Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District **By M/s. Century Star (SEIAA 110 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Vivekananda Nayak M/s Century Star No.3/1, 4th Floor, J P Techno Park,, Millers Rd, Vasanth Nagar, Bengaluru, Karnataka 560052
2	Name & Location of the Project	Proposed Residential Developmental Project by M/s Century Star located at Sy No 68, 69/1, 69/2, 71/1,71/2, 73, 74/1B,75, 76, 77/1, 77/2, 78, 79, 80, 82/2 of Attur Village, Yelahanka Hobli, Bangalore North
3	Co-ordinates of the Project Site	13°6'41.33"N; 77°33'58.35"E 13°6'35.37"N; 77°33'55.61"E 13°6'32.54"N; 77°33'56.84"E 13°6'31.98"N; 77°34'2.57"E 13°6'39.69"N; 77°34'4.09"E

4		Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Attur lake -0.15 Km, W Yelahanka lake-2.78 Km, E Allalasandra Lake -3.02 Km, SE JakkuruKere -4.98 Km, SE
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	As per village map, there is a nala passing through the site, sufficient buffers have been provided as per CDP.Sensitive zone clearance certificate is obtained.
5		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Proposed Residential Apartment Project
	b.	Residential Township/ Area Development Projects	-NA-
6		Plot Area (Sqm)	65,078.50Sqm
7		Built Up area (Sqm)	76,484.040 Sq m.
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartment consisting of 568 no of units with building configuration of 2B+Stilt+G+23UF having a building height of 79.9m
9		Number of units in case of Construction Projects	568 units
10		Number of Plots in case of Residential Township/ Area Development Projects	-NA-
11		Project Cost (Rs. In Crores)	Rs. 123.5Crores
12		Recreational Area in case of Residential Projects / Townships	-NA-
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	3986.50 Sq.m

	b.	Kharab Land	1467.51 Sq.m
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6365.23Sq.m
	d.	Internal Roads	Road and pavements -3687Sq.m
	e.	Paved area	
	f.	Others Specify	Vacant Area-51,039.77 Sq.m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	
	h.	Total	63,610.99 Sq.m(15 Acres 28.74 Guntas) excluding the kharab land.
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Construction Debris215.70 cum It will be reused / recycled for back filling / sub base work for roads & pavements within project site.
	b.	Total quantity of Excavated earth (in cubic meter)	39,455.79cum
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	

Sl. No.	Item	Quantity (Cum)
1	The total estimated earth work quantity	39,455.79
2	Back filling to be done between foundations	9863.95
3	Top Soil reused for Landscaping work	7891.16
4	For site formation	15,782.32
5	Roads & Walkways	5918.37

	d.	Excess excavated earth (in cubic meter)	No excess excavated earth
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	-NA-

15	WATER			
	I.	Construction Phase		
	a.	Source of water	Private water tankers	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	15KLD- for the proposed labour colony	
	d.	Waste water generation in KLD	14 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Wastewater will be treated in mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	295
			Recycled	380
			Total	435
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	392KLD	
	d.	STP capacity	400KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	No excess treated water	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	70cum	
	b.	No's of Ground water recharge pits	77 Nos.	
17	Storm water management plan	Enclosed in the project report		
18	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total No. of labors = 206 no's (considering @ 0.25 Kg /day /person) Solid waste generation= 206X 0.25=52Kgs /day.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56MT/day inorganic waste generated from residential building. Total 1.41MT/day of generated solid waste during operational phase will be segregated into organic and inorganic waste. Organic waste will be treated in	
	b.	Quantity of Non-		

		Biodegradable waste generation and mode of Disposal as per norms	organic waste converter and inorganic waste will be handover to authorized processors.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	3000Liters/annum; Used Oil from D.G. Sets will be stored in leak proof sealed barrels and will be given to KSPCB authorized reprocessors / re-cyclers.
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	75Kg/annum
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56 MT/day inorganic wastes generated from residential building.
19	POWER		
	a.	Total Power Requirement - Operational Phase	The total maximum load demand for the proposed project during operational phase is 3751.2 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3X250 KVA and 1X500 KVA
	c.	Details of Fuel used for DG Set	HSD for DG sets with low sulphur content <0.05%. This used oil will be handed over to authorized recyclers.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Water Heating provisions for top two floors, Common area lighting will be considered on solar power, LED lighting provisions will be made. It will result in energy saving equal to about 17%.
20	PARKING		
	a.	Parking Requirement as per norms.	The required Car Parking for the proposed Apartment is about 626 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	The present level of service will remain "B, C, C along Attur Road (2 lanes undivided), Sandeep Unnikrishnan road(2 + 2 divided) Vidyaranyapura, Yelahanka circle respectively. B- Very Good, C – Good.
	c.	Internal Road width (RoW)	8 m

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

The Proponent and Environment Consultant attended the 229th meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As seen from the village survey map there are two nalas one each on the northern and southern side for which the proponent has stated that he has left 15 meter buffer zone on either side of the nala. There is also another nala on the middle of the project site running in north-south direction and cutting across the project site for which the proponent has stated that he has left 15 meter zone on both side and also he has mentioned that Sy.No.70 in which this nala runs has been kept vacant. In addition to this there is a lake on the western side of the project site for which the proponent has stated that he has left 30 meter buffer zone in this project site.

Further, as seen from the records there is Puttenahalli lake birds conservation reserve at a distance of 500 meters from the project boundary and also the proponent has stated that this project falls in the sensitive zone as per RMP-2015 for which the proponent has stated that he will come back with proper redressal for the above issues. Hence committee decided to defer the subject.

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 for appraisal. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the records the BDA sensitive committee while approving the project stipulated the conditions that the manmade nala has to be built further to lead off the nala water to Puttenahalli lake by building the drain to the carrying capacity equal to spillway capacity of Attur lake, for which the proponent has agreed to do the same. As far as ESZ applicability to Puttenahalli Bird conservation reserve the proponent has submitted the clarification issued by MoEF&CC, GoI stating that no guidelines have been fixed for any wildlife conservation reserves.

As per the records Avi fauna found in the study area has not been listed for which the proponent has stated that he will do the same and if any schedule –I fauna observed he has agreed to prepare conservation plan in consultation with forest authorities. As far as letting out 50% of the treated sewage water to the UGD system the proponent has stated that he will rework on this issue reducing the effluent discharge to the maximum 25% of fresh water demand.

Proponent has also agreed to earmark sufficient area to plant 750 trees within the project site or in the alternate site. The proponent has agreed to improve the

Puttenahalli Bird reserve habitat suitable tree species to be proposed eg viz Acacia arabica etc which facilitates forage, nesting and resting.

The proponent has also agreed to built entry and exit at the elevated level where it crosses the buffer zone leaving the buffer zone undisturbed except by putting up some columns. The proponent has also agreed to install biogas plant in the project site.

The proponent has also agreed to earmark Rs 2.6 crores to take up rejuvenation of Attur lake.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the above and following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

Fresh projects

238.4. Proposed Residential Township comprising of staff quarters of 600 nos. of various categories and 50 bachelor's transit accommodation for ISRO officials Project at Khundapura Village, Challakere Taluk, Chitradurga District **by Human Space Flight Centre (ISRO) (SEIAA 163 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	HSFC, ISRO HQ, AntrikshBhavan, New BEL Road, Bengaluru 560094
2	Name & Location of the Project	Establishment of Residential Township for Human Space Flight Centre at Kudhapura village, Challakere Taluk, Chitradurga district, Karnataka.

<table>
<tr><td>3</td><td colspan="2">Co-ordinates of the Project Site</td><td>Township<table><tr><th>Latitude</th><th>Latitude</th></tr><tr><td>14°26'29.21"N</td><td>14°26'29.21"N</td></tr><tr><td>14°25'48.02"N</td><td>14°25'48.02"N</td></tr><tr><td>14°25'55.43"N</td><td>14°25'55.43"N</td></tr><tr><td>14°26'33.00"N</td><td>14°26'33.00"N</td></tr></table></td></tr>
<tr><td>4</td><td colspan="3">Environmental Sensitivity</td></tr>
<tr><td rowspan="4"></td><td>a.</td><td>Distance From nearest Lake/River/Nala</td><td>No Lake/River/Nala is passing in close vicinity to project site. Vani Vilas sagar dam is about 78 km from township site.</td></tr>
<tr><td>b.</td><td>Distance from Protected area notified under wildlife protection act</td><td>There is no protected wild life area in the study area of 10 km radius.</td></tr>
<tr><td>c.</td><td>Distance from the interstate boundary</td><td>Karnataka - Andhra Pradesh about interstate boundary 26 km from the site</td></tr>
<tr><td>d.</td><td>whether located in critically/severally polluted area as per the CPCB norms</td><td>No</td></tr>
<tr><td>5</td><td colspan="2">Type of Development as per schedule of EIA Notification, 2006 with relevant serial number</td><td>Building and construction projects
Category of project - Sl. No. 8(a)
Category- (B). 'B2'</td></tr>
<tr><td>6</td><td colspan="2">New/Expansion/Modification/Product mix change</td><td>New</td></tr>
<tr><td>7</td><td colspan="2">Plot Area (Sq. m)</td><td>Township
Total Area : 100 acre (40.47 ha)</td></tr>
<tr><td>8</td><td colspan="2">Built Up area (Sq. m)</td><td>Township
Built-up area: 1,10,800 m^2</td></tr>
<tr><td>9</td><td colspan="2">Component of developments</td><td>Building and construction projects</td></tr>
</table>

10	Project cost (Rs. In Crore)		Approx. Rs.550 Crore
11	Details of Land Use (Sq. m) ok		
	a.	Ground Coverage Area	
	b.	Kharab Land	-
	c.	Internal Roads	57,000 sq.m
	d.	Paved area	21,500 sq.m
	e.	Parking	-
	f.	Green belt	35,200 sq.m
	g.	Others Specify	Play ground area: 22,300 sq.m Eco zone: 60,700 sq.m Land for future expansion: 46,200 sq.m Open space: 1,61,800 sq.m
	h.	Total	**4,04,700 m^2**
12	Products and By- Products with quantity (enclose as Annexure if necessary)		NA
13	Raw material with quantity and their source (enclose as Annexure if necessary)		The construction materials, which will be used in the township site, will be obtained from authorized local sources. i. Stones approx. 67,200 m^3 ii. Bricks approx. 168 lakh No. iii. Fine agg. Approx. 65,800MT iv. Coarse agg. Approx. 56,000 MT v. Cement approx. 23,800 MT
14	Mode of transportation of Raw material and storage facility		Primarily by means of Road
15	Transportation and storage facility for coal/Bio-fuel in case of thermal power plant		NA
16	Fly ash production, storage and disposal details whereas coal is used as fuel		NA

17	Complete process flow diagram and technology employed		The area will be developed for establishment of Residential township for HSFC employees.	
18	Details of Plant and Machinery with capacity/Technology used		NA	
19	Details of VOC emission and control measures wherever applicable		NA	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Vani Vilas Sagar	
	b.	Quantity of water for Construction in KLD	200 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20 KLD	
	d.	Waste water generation in KLD	Waste water generation will be about 28 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The waste water generated will be treated in mobile STP units.	
	II.	Operational Phase		
	a.	Source of water	Tungabhadra- Pavagada combined rural water supply scheme	
	b.	Total Requirement of Water in KLD	Fresh	1200 KLD
			Recycled	-
			Total	Township 1200 KLD
	c.	Requirement of water for industrial purpose/production in KLD	Fresh	-
			Recycled	-
			Total	-
	d.	Requirement of water for domestic purpose in KLD	Fresh	-
			Recycled	-
			Total	-
	e.	Waste water generation in KLD	Industrial effluent	-
			Domestic sewage	Township 800 KLD
			Total	800 KLD
	f.	ETP/STP capacity	ETP: 800 KLD to be set up in stages	
	g.	Technology employed for Treatment	State-of-the-art MBR based STP will be set up for the treatment of sewage generated.	
	h.	Scheme of disposal of excess	-	

		treated water if any		
21	Infrastructure for Rain water harvesting		Provided	
22	Storm water management plan		Provided	
23	Air Pollution			
	a.	Sources of Air pollution	During construction phase it will be from movement of man & material, heavy earth moving machineries, etc. These emissions will be for short period limited to construction phase. During operation air pollution is anticipated from DG operation during power failure.	
	b.	Composition of Emissions	PM_{10}, $PM_{2.5}$, SO_2 etc.	
	c.	Air pollution control measures proposed and technology employed	Fugitive emissions are expected from material handling/storage areas and transportation activities. These emissions will be controlled by water spraying periodically. During transportation, the vehicles shall be covered with tarpaulin.	
24	Noise Pollution			
	a.	Sources of Noise pollution	Noise generation from construction equipment used for drilling, cutting operations. During operation phase, noise & vibrations will be generated due to operation of DG sets (as emergency backup)	
	b.	Expected levels of Noise pollution in dB	Noise generated will be below 100 dB(A).	
	c.	Noise pollution control measures proposed	Noise generated will be about 85-90 dB(A). All DG sets will be covered by acoustic enclosure as per statutory rules and will conform to noise standards. The DG sets will be mounted on anti-vibration mounts to reduce the impacts of vibration.	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	Biodegradable generated from township will be treated in bio

				gas plant and compost pits which will convert into manure for gardening. During operation, Solid waste of 750 Kg/day of solid waste will be generated.
			Non-Biodegradable	A provision is kept for segregation Non-biodegradable waste and will be disposed thereof through authorized agencies
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Will be taken care by individual entrepreneurs.	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	NA	
26	Risk Assessment and disaster management		-	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Electricity- 960 kVA, About 1.2 MW.	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	HSFC Township Construction phase: DG sets 200 kVA (Qty- 1 nos.) Operation Phase: DG sets 750 kVA(Qty- 1 nos.)	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Construction phase: Expected fuel requirement- Diesel 50 lit./day Operation Phase: Expected fuel requirement- Diesel 80 lit./day	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Glass with properties meeting the energy conservation requirements will be provided for the houses proposed. 4 mm thick float glass will be used for windows of residential buildings	

			with 0.69 short wave length and 0.14 long wave coefficients. The shading co efficient of these glasses is 0.83. In portions of air - conditioned as in hospital, tinted glasses with lesser shading coefficients will be used. While developing the architectural layout of the buildings cluster development will be adopted with passive solar systems to reduce the head island effect. Appropriate shading devices like overhangs, side fins with the required properties will be incorporated to reduce the heat gain from walls mostly facing sun. It is planned to generate solar power by installation of roof top solar systems at Canteen and hospital.
28	PARKING		
	a.	Parking Requirement as per norms	Provided as per conceptual layout
	b.	Internal Road width (RoW)	Provided as per conceptual layout
29		Any other information specific to the project (Specify)	Nil

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The proponent has stated that the road being built all round the project site cuts across the buffer zone for which the proponent has agreed to build the same at the elevated level leaving the buffer zone undisturbed except by putting up some columns.

As far as CER is concerned the proponent has stated that he will earmark Rs 5.5 crores for taking up rejuvenation of Nayakanahatti tank in addition to 10 water ponds one each in the nearby hamlets to provide the drinking water to cattles and also avenue

plantation to roads leading these Hamlets and providing water supply, sanitation and solar lights in these hamlets.

The following informations are missing in the presentation material. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the condition that the following information submitted to the authority.

1) Green belt development design details including plant species to be proposed and its numbers.
2) EMP budget details to carry out environmental activities like afforestation etc.
3) Land use breakup details are incomplete since the area earmarked for greenery/green belt development to an extent of atleast 33% or at the rate of 80Sqm per plant as mandated.
4) Since this is a Greenfield project CER as mandated may be earmarked. The details of activities proposed around the project area may be worked out and submitted.
5) Details of 20% eco friendly building materials may be worked out and submitted.
6) Solar panel layout utilizing the entire terrace area may be worked out and submitted.
7) Explore the possibility of building eco pond within the project area may be worked out and submitted.

The committee also prescribed the following conditions.

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.

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

238.5. Proposed Mixed Use Development Project comprising of 3 Blocks (A,B,C) with BF+GF+20UF at R.S.Nos.26/5A1, 26/5A3, 70/1B, 27/3B, 70/1D of Kankanady Village, Mangaluru City and Taluk, Dakshina Kannada District **by M/s. ROHAN MONTEIRO (SEIAA 164 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr.RohanMonteiro G-4, DivyaDeepa Arcade,

			Bendoorwell, Mangalore-575002
2		Name & Location of the Project	Mixed Use Development Project R S No. 26/5A1, 26/5A3, 70/1B, 27/3B, 70/1D, Kankanady Village, Mangaluru City and Taluk, Dakshina Kannada District.
3		Co- ordinates of the Project Site	Latitude 12°52'10.61"N Longitude 74°51'11.74"E.
4		Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Arabian sea at about 6 Kms (West Direction), Bajala stream at about 2.5 Kms (South East Direction)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	No water body is located within or adjoining the project.
5		Type of Development	
	a.	New / Expansion / Modification	New Project
	b.	Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other	Mixed Use Development Project
	c.	Residential Township/ Area Development Projects	Not Applicable.
6		Plot Area (Sqm)	13,263.39 sq m (3 Acres 11 Guntas)
7		Built Up area (Sqm)	74,493.79 sq m
8		Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors]	Proposed project consists of 3 blocks comprising of Block - A, B, C and configuration is LG + UG + 20 Upper floorsfor all the blocks.
9		Number of units in case of Construction Projects	Mixed Use Development Project Residential units - 293 flats
10		Number of Plots in case of Residential Township/ Area Development Projects	NA
11		Project Cost (Rs. In crores) towards expansion cost	Rs. 78,00,00,000/- (Rupees Seventy Eight Crores Only)
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5627.23sq m

	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4376.92sq m
	d.	Internal Roads	2509.15sq m – Paved area
	e.	Paved area	
	f.	Others Specifty	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	
14		Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Construction debris generated for construction activity will be utilized for the paved area/ formation activities within the project site.
	b.	Total quantity of Excavated earth (in cubic meter)	The proposed project site is undulating due to geography of the area and in order to utilize the available sloping no basements and proposed and the floors start from Ground floor hence there is no excavation required and excavation is only for footings and foundations, the excavated soil will be used for backfilling, landscape and paved area.
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	
	d.	Excess excavated earth (in cubic meter)	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15		WATER	
	I.	Construction Phase	Presently construction activity in the project is not started
	a.	Source of water	Mangaluru City Corporation (MCC)
	b.	Quantity of water for Construction in KLD	NA
	c.	Quantity of water for Domestic Purpose of KLD	21 KLD
	d.	Waste water generation in KLD	19 KLD

	e.	Treatment facility proposed and scheme of disposal of treated water	Sewage generated from the labour camp will be treated in package STP of capacity 20 KLD	
II.		Operational Phase		
	a.	Total Requirement of Water in KLD	Total water requirement	327 KLD
			Wastewater generated	295 KLD
			Water recycled for flushing	98 KLD
	b.	Source of water	Mangaluru City Corporation (MCC)	
	c.	Waste water generation in KLD	295 KLD	
	d.	STP capacity	300 KLD	
	e.	Technology employed for Treatment	-	
	f.	Scheme of disposal of excess treated water if any	The treated sewage will be re-used for gardening, flushing of toilet, car washing, paved area washing etc.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	Rain water storage sump for Residential & Commercial is 210 Cum & 140 Cum	
	b.	No's of Ground water recharge pits	--	
17		Storm water management plan	Appended in the report	
18		WASTE MANAGEMENT		
	I.	Construction Phase	Presently construction activity in the project is not started	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total solid waste generated from the project site is 1303 Kg/day Organic solid waste will be treated in an organic converter, the product will used as manure for Landscape. The inorganic waste is sent for recycling.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	782Kg/day will be treated in an organic converter.	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	521Kg/day will be handed over to recyclers.	
	c.	Quantity of Hazardous Waste generation and mod of Disposal	500Litres/annum will be disposed to KSPCB approved and CPCB register waste	

		as per norms	oil re-processors.
	d.	Quantity of E waste generation and mode of Disposal as per norms	NA
19		POWER	
	a.	Total Power Requirement - Operational phase	2600 kVA will be augmented from MESCOM
	b.	Number of DG set and capacity in KVA for Standby Power Supply	Commercial Activity: DG sets: 1 x 500 kVA, 1 x 320 - kVA for Hotel and 1 x 500 kVA, 1 x 320 kVA for Retail Boiler: 1 X 1.5 TPH Residential Activity: DG sets: 1 x 400 kVA, 1 x 200 kVA capacity DG with acoustics are proposed to be provided with adequate stack height.
	c.	Details of Fuel used for DG Set	Ultra-Pure Low Sulphur Content Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Details appended
20		PARKING	
	a.	Parking Requirement as per norms	589 cars
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	-
	c.	Internal Road width (RoW)	8 m wide fire driveway & 4.57 m for driveway provided all-round the buildings.
21		Any other information specific to the Project (Specify)	-

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As per the records it is noticed that there are many vital information's are missing in the Form-1 for which the proponent has stated that he will come back after rectifying the same. Hence the committee decided to defer the project.

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

238.6. Proposed Residential Apartment Building project at Sy.No.125, 126, 127 & 128 of Rayasandra Village, Sarjapura Hobli, Anekal Taluk, Bengaluru District by **M/s. Ahad Builders Pvt. Ltd. (SEIAA 165 CON 2019)**

Sl. No.		PARTICULARS	INFORMATION
1		Name & address of the project proponent	Sri. Mohammed Zaheer Managing partner M/sAhad Builders Pvt Ltd., No. 80, Ahad Pinnacle, 1st floor, 5th main, 2nd cross, Industrial Area, Koramangala, 5th Block,Bangalore 560034.
2		Name & location of the project	Proposed Residential Apartment Building Sy nos. 125,126,127 & 128 Rayasandra Village, Sarjapura Hobli, Anekal Taluk, Bengaluru.
3		Co – ordinates of the project site	Latitude: 12.876762N Longitude: 77.677173E
4		Environmental sensitivity	
	a.	Distance from periphery of the nearest lake and other water bodies (lake, rajakaluve, nala, etc.,)	The proposed project site is within the NGT Norms: • Nearest lake to the project site is Rayasandralake: at a distance of 1400 m from the project site as per the village map.
	b.	Type of water body at the vicinity of the project site and details of buffer provided as per NGT direction in O.A. 222 of 2014 dated 04.05.2016, if applicable	NA
5		Type of development	
	a.	New/ Expansion/Modification	New

	b.	Residential apartment /Villas/ Row houses/ Vertical development / Office/ IT /ITES/ Mall/ Hotel/ Hospital/ other	"Proposed Residential Apartment Building with club house"
	c.	Residential township / Area development projects	--
6		Plot area (Sqmt)	32,476.95 sqm.
7		Built up area (Sqmt)	99,957.83Sqm
8		Building configuration (number of blocks/ towers/ wings etc., with numbers of basement and upper floor)	The proposed projects is a construction of Residential Apartment Building consisting of 9 Blocks with each blockconfiguration: 2BF+GF+19UF with Clubhouse GF+4UF.
9		Number of units in case of construction projects	620 units with Club house.
10		Number of plots in case of Residential township / Area development projects	--
11		Project cost (Rs. In Crores)	109.73 Crores
12		Residential area in case of residential projects/ townships	--
13		Details of land use (Sqmt)	
	A	Total site area of the project	32,476.95Sqm
	a	Road Widening	--
	b.	Kharab land	404.70 Sqm
	c.	Ground coverage area	4034.82Sqm
	d.	Total green belt on mother earth for projects under 8(a) of the schedule of the EIA notification, 2006	--
	e.	Internal roads	8444.00Sqm
	f.	Paved area	

	g.	Other specify	
	h.	Parks & open space in case of residential township/ area development projects	15,402.60Sqm
14		Details of demolition debris and /or excavated earth	
	a.	Details of debris (in cubic meter/MT) if it involves demolition of existing structure and plan for re use as per construction and demolition waste management rules 2016, if applicable	300 cum
	b.	Total quantity of excavated earth	79,587.88 cum
	c.	Quantity of excavated earth propose to be used in the project site (in cubic meter)	79,587.88 cum The earth excavated generated from the project site will be utilized within the project premises for back filling, gardening road and walk way and construction of compound wall.
	d.	Excess excavated earth (in cubic meter)	--
	e.	Plan for scientific disposal of excess excavated earth along with co-ordinate of the site proposed for such disposal	--
15		WATER	
	I.	Construction phase	
	a.	Source of water	Sourced through tankers via external agencies& treated STP water.
	b.	Quantity of water for construction in KLD	20 KLD
	c.	Quantity of water for domestic purpose in KLD	2.7 KLD
	d.	Wastewater generation in KLD	2.2 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	The total domestic wastewater generated during construction phase will be treated in mobile STP and treated water will be further utilized to develop the landscape.
	II.	Operation phase	

	a.	Total requirement of water in KLD	467 KLD
	b.	Source of water	Village Panchayat/Borewell
	c.	Waste water generation in KLD	420.3 KLD
	d.	STP capacity	450 KLD
	e.	Technology employed for treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Recycled water for flushing: 157.2 KLD. Landscaping: 123 KLD Floor washing ,internal road and pavement maintenance :119.8 KLD
16		Infrastructure for rain water harvesting	
	a.	Capacity of sump tank to store the roof run off	70 cumroof top water collection sump
	b.	No's of ground water recharge pits	Total number of deep recharge pits proposed: 20 Nos. 1.2 m Dia& 3 m Depth.
17		Strom water management plan	We have provided all along the storm water drain, presented in the EMP report
18		WASTE MANAGEMENT	
	I.	Construction phase	
	a.	Quantity of solid waste generation and mode disposal as per norms	Total solid waste generation will be 6 kg/day; which will be disposed by contractor
	II	Operational phase	
	a.	Quantity of biodegradable waste generation and mode of disposal as per norms	756 kg /day; Composting by using organic waste Converter (OWC) converted as manure & used for landscaping.
	b.	Quantity of non-biodegradable waste generation and mode of disposal as per	504 kg/day; which will be handed over to theauthorized recyclers.

		norms	
	c.	Quantity of hazardous waste generation and mode of disposal as per norms	--
	d.	Quantity of E- waste generation and mode of disposal as per norms	--
19		POWER	
	a.	Total power requirement -operational phase	2500 KVA
	b.	Numbers of DG set and capacity in KVA for standby power supply	500 KVA x 3 Nos.
	c.	Details of fuel used for DG set	247.5 liters/hr of diesel
	d.	Energy conservation plan and percentage of savings including plan for utilization of solar energy a per ECBC 2007	Total energy savings will be21.50 %.
20		PARKING	
	a.	Parking requirement as per norms	Car parking required: 709 cars Car parking provided: 754 cars
	b.	Level of service (LOS) of the connecting roads as per the traffic study report	• HosaRoad:LOS A • Hosur Road: LOS C &D
	c.	Internal road width (RoW)	Internal driveway within the project site: 8 m wide Approach road width: Rayasandra Main Road
21		Any other information specific to the project (specify)	--

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms but there is a cart track road cutting across the project site in east west direction for which the proponent has stated that he has retained it as it is and it will be kept open for public use.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with condition that if the project located within 10 KM from the Wildlife Sanctuary, National park etc the proponent to submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wild life Warden thereon as to the SEIAA.

The committee also prescribed the following conditions.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

2.15PM-6.00PM

238.7. Proposed Commercial Development, Retail & Multiplex Project at Sy.No.121/1 of Seegehallli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru District – **M/s. Macaw Enterprises LLP(SEIAA 166 CON 2019)**

Sl. No.	PARTICULARS	INFORMATION

1.	Name & Address of the Project Proponent	Mr. Preetish P Authorized Signatory, M/s. Macaw Enterprises LLP., Sy. No.121/1, Seegehalli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru-560067.
2.	Name & Location of the Project	Proposed Development Of "Commercial & Multiplex" Sy. No.121/1, Seegehalli Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru.
3.	Co-ordinates of the Project Site	Latitude : 13 Deg 00 Min 53.25 Sec N Longitude : 77 Deg 45 Min 43.72Sec E a) Latitude : 13 Deg 00 Min 54.30 Sec N Longitude : 77 Deg 45 Min 42.70 Sec E b) Latitude : 13 Deg 00 Min 52.64 Sec N Longitude : 77 Deg 45 Min 42.17 Sec E c) Latitude : 13 Deg 00 Min 53.45 Sec N Longitude : 77 Deg 45 Min 45.23 Sec E d) Latitude : 13 Deg 00 Min 51.91 Sec N Longitude : 77 Deg 45 Min 44.77 Sec E
4.	ENVIRONMENTAL SENSITIVITY	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Chikkabanahalli lake is at a distance of 709 m from the boundary of project site.
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	--
5.	TYPE OF DEVELOPMENT	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of "Commercial & Multiplex"
b.	Residential Township/ Area Development Projects	NA
6.	Plot Area (Sqm)	5,045.99 Sqmt
7.	Built Up area (Sqm)	21,818.10 Sqmt

8.		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project is a commercial development consists of 2BF+GF+5UF
9.		Number of units in case of Construction Projects	--
10.		Number of Plots in case of Residential Township/ Area Development Projects	NA
11.		Project Cost (Rs. In Crores)	Rs. 34 Crores
12.		Recreational Area in case of Residential Projects / Townships	-
13.		DETAILS OF LAND USE (SQM)	
	a.	Ground Coverage Area	2,372.78 Sqm
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	848.87 Sqm
	d.	Internal Roads & Hardscape	1439.89 Sqm
	e.	Paved area	-
	f.	Others Specify	Road widening area = 384.45 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	5,045.99 Sqm
14.		DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re-use as per Construction and Demolition waste management Rules 2016, If Applicable	--
	b.	Total quantity of Excavated earth (in cubic meter)	14,238 m^3
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	14,238 m^3
	d.	Excess excavated earth (in cubic meter)	-

	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Excavated soil is used within the project site	
15.		WATER		
	I.	Construction Phase		
	a.	Source of water	Domestic water requirement will be sourced from External Tanker water suppliers & for construction activities sourced from STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	16 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	4 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 will be lifted to BWSSB treatment plant for further treatment	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	24 KLD
			Recycled	34 KLD
			Total	58 KLD
	b.	Source of water	Seegehalli Gram Panchayath	
	c.	Waste water generation in KLD	52 KLD	
	d.	STP capacity	60 KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	--	
16.		INFRASTRUCTURE FOR RAINWATER HARVESTING		
	a.	Capacity of sump tank to store Roof run off	95 m^3	
	b.	No's of Ground water recharge pits	8 Nos.	
17.		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain towards western side of the project.	
18.		WASTE MANAGEMENT		
	I.	Construction Phase		

	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to outside vendors. Construction debris -22 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	212 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	316 kg/day Recyclable wastes will be handed over to authorized waste recyclers		
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation : 1.458 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 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	1868.61 kW		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1000 kVA – 3 Nos.		
	c.	Details of Fuel used for DG Set	628.56 L/hr		
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	1) External street & landscaping solar lightings 2) Common area lightings - LED 3) Parking area lightings- LED 4) Air conditioning load 5) Lift & escalators load The overall energy savings is around 38.95 %		
20.		PARKING			
	a.	Parking Requirement as per norms	338 Nos.		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Whitefield-Hosakote road (SH-35)	Existing	Changed
			Towards	D	D

			Whitefield		
			Towards Kannamangala	C or D	D
	c.	Internal Road width (RoW)	8 m		

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms.

As far as CER is concerned that he will earmark Rs 70.00 lakhs to take up rejuvenation of Chicka Banahalli lake which is at a distance of 700meters from the project site.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

238.8. Proposed Commercial cum Residential Project at Sy.Nos.216/2, 114/8C, 216/5, 114/8D2, 216/3, 114/8D1, 216/4, 114/8E of Puttur Village, Udupi Taluk & District - **M/s. J.J. Builders & Developers (SEIAA 167 CON 2019)**

1.	Name & location details of the project with a) Colored Google map b) Enlarged CDP map c) Contour map with RLs. d) Dated site Photographs.	Project Name: Mandavi Casa Grande Location: Sy. No. 216/2, 114/8C, 216/5, 114/8D2, 216/3, 114/8D1, 216/4, 114/8E of Village Puttur Udupi Taluk & District, Karnataka a) Google Map – submitted along with Form 1A (Annex II) b) CDP Map –submitted with Form 1A (Annex III) c) Contour Map - submitted with Form 1A (Annex VII) d) Dated Site Photographs - enclosed as Appendix I to this document
2.	Name of project proponent & address	Mr. Glen Dias(Partner) J.J. Builders & Developers 3rd Floor, Mandavi Trade Centre Udupi-Manipal Road Kanjibettu, Udupi-576102
3.	Name of the consultant and accreditation	Aditya Environmental Services Pvt. Ltd. 107, Hiren Light Industrial Estate Moghul Lane, Mahim Bhagoji Keer Rd Marinagar Colony Mahim Mumbai, Maharashtra - 400016 Accreditation vide' QCI NABET's letter no. NABET/EIA/01/12/006, dated 31st January, 2011, Category B for Building and large construction projects including shopping malls, multiplexes, commercial complexes, housing estates, hospitals, institutions (sector no. 36)
4.	Land use plan, previous land use and land conversion details:	Land use of project site is Residential cum Commercial. Land use and land conversion documents submitted with Form 1 as (Annex VI)
5.	Particulars of sensitive areas and water bodies with distance from the property.	Manipal Lake- approx. 7 km* ~ SE Direction Swarna River – approx. 1km*~ E Direction Arabian Sea - approx. 6km* ~ W Direction * Aerial distances

6.	New/Expansion/modernization	New	
7.	Status of organization	Private	
8.	Documents submitted (mandatory)		
	1. Form 1	Submitted as a part of EC application	
	2. Form 1A	Submitted as a part of EC application	
	3. Conceptual plan	Submitted as a part of EC application	
9.	Nature of project	Commercial cum Residential Project	
	Building & Construction Project	Commercial cum Residential Project with single tower of B + LG + UG+ 13 UF	
10.	Height of the building (in m)	54.75 m	
	Existing road width in front of the project site (in m)	Edapally Panvel Highway- 45 m	
	Distance to the nearest Fire Station (in km)	Udupi Fire Station : (Road Distance)	
11.	Project cost in Rs. (in Lakhs)	4750	
12.	Land records/particulars submitted	Yes (Submitted with Form I of Annex VI)	
13.	Details of source of water	Construction Phase	Operation Phase
		Existing open well	Udupi City Municipal Council (UCMC)
14.	• If the source of water is other than BWS&SB, is scientific assessment report along with impact on competitive users enclosed? • Does the project come under grey area? If so status of CGWA permission	No, not applicable.	

15.	Water requirement (KLD) along with water balance chart.	Construction Phase:Approx.50 kld Operation Phase:Approx.103 kld (62 kld Fresh water + 41 kld of recycled water) Water Balance Chart is submitted with Form I of Annex V.	
16.	Submitted NOC from competent Authority for water supply?	Yes/No	Name of Authority
		Shall b submitted during appraisal	Udupi City Municipal Council (UCMC)
17.	Laborers details		
	Location of the laborer camp:	No labor colony is proposed at site.	
	No. of laborers	50	
	No. of toilets provided for them	5	
	Method of Waste water/Sewage disposed	Sewage will be collected in collection tank of capacity 5,000 lts and treated in Mobile STP	
	Size of the Septic Tank & Soak pit	NA	
	Solid waste generated by laborers camp (kg/day) and it disposal details	5 kg/day solid waste will be generated 1. Domestic waste: will be Collected and sent to MSW site. 2. Liquid waste: The sewage generating from the temporary toilets will be treated in mobile STP. Care will be taken to ensure that the water used for construction purposes does not accumulate at the Project site.	
18.	Excavated Earth: Quantity (in Cum) and its disposal plan	Quantity of Excavated Earth: 9,000 cum Management: Excavation work will be generated during construction of basement. Earthwork will involve foundation and refilling at Project site.	
19.	If disposed off in other's property,	Not applicable.	

	agreement for same			
20.	Construction debris	Concrete wastage and wasted mortar will be crushed, aggregated and mixed with other road sub-base construction material. Waste/damaged construction material, sieved sand, broken brick bats and chipped plaster will also be used in the construction of roads and for backfill and consolidation of under margins/pitching of storm water drains, periphery curbing of roads etc. Metal scraps will be sold to local scrap dealers for onward recycling. Waste packaging material and wooden waste, used plastic bags of cement and other construction material will be sold back to the supplier for reuse. Excavated materials moved during foundation will be partially used for refilling at site.		
21.	Size of STP (KLD) and Technology adopted with flow diagram.	90kld of STP with Sequential Batch Reactor Technology with flow diagram enclosed in Appendix II to this document.		
22.	Disposal of excess treated waste water: Does sewer line exist? If not, give the plan for disposal.	41kld of treated water will be recovered and used for flushing, horticulture and sprinkling. Treated water conforming to KSPCB's standard for ground disposal will be used in horticulture and toilet flushing. No As mentioned in Water Balance Chart.		
23.	Solid waste generated	Type	Quantity (kg/day)	Mode of Disposal
	Approx. 260 kg/day	Biodegradable	128	After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) and will be used as manure at the Project site.
		Non-biodegradable	102	Recyclable shall be sold to the vendors. Non-degradable waste shall be sent to the nearest sanitary Landfill site.

		Inert	26	Sent to Common Solid waste Management facility.
24.	Hazardous waste generated	Sump oil from the standby DG to be sold to Authorized Recyclers.		
25.	Rain water harvesting proposed with details of recharge pits and collection sump.	7 No's of recharge pits are proposed with one rooftop rain water collection tank of 100Cu.m.		
26.	Power requirement with source:	Approx. 500 KW Mangalore Electricity Supply Company (MESCOM)		
27.	DG sets details with number and capacity:	Total 3 DG sets = 1 DG set of 100 KVA + 1 DG set of 200 KVA as backup with fuel requirement of (Diesel) approx. 60 l/hr.		
28.	Energy conservation devices proposed in the project and savings in percentage	• LED Lamps will be utilized for illumination • Solar lights will be utilized in common areas. • Separate lighting circuit feeders and distribution boards are proposed from raw power circuits. • Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. • Street lights will be controlled using seasonal programmable timers to reduce consumption. • The size of the motor to be kept considering 80% load to obtain highest efficiency performance. • All higher rating motors are proposed with soft starters to save energy during starting and to achieve smooth starting of motor. • Timers shall be provided for corridors/ car park lighting. Savings in percentage – approx.. 30%		
29.	• Landscape plan proposed (in Sqm& percentage) On natural earth: On podium:	Landscape Area: 1,977.65 sq.m (37.02%) of the total plot area 1,977.65 sq.m No podium is proposed.		

<table>
<tr><td></td><td>• Number of trees cut & retained.

• List of tree species proposed (with emphasis on local and fruit/flower bearing species & number):</td><td>13 coconut trees where the building is planned with are cut. As a part of landscape plan, around 95 trees with large and medium canopy size shall be planted. The following are the proposed trees:
<table>
<tr><th>Botanical Name</th><th>Common Name</th><th>No. of Tree Proposed</th></tr>
<tr><td>Mangifera Indica</td><td>Mango tree</td><td>10</td></tr>
<tr><td>Thespsia sp.</td><td>Portia tree</td><td>10</td></tr>
<tr><td>Pongamia pinnata</td><td>Indian beech</td><td>10</td></tr>
<tr><td>Mimusops elengi</td><td>Ranja</td><td>5</td></tr>
<tr><td>Michalea champaca</td><td>Golden champa</td><td>5</td></tr>
<tr><td>Azadirachta indica</td><td>Neem tree</td><td>5</td></tr>
<tr><td>Syzygium cumini</td><td>Jamun</td><td>5</td></tr>
<tr><td>Anacardium occidentale</td><td>Cashew</td><td>5</td></tr>
<tr><td>Bauhinia purpurea</td><td>Purple bauhina</td><td>10</td></tr>
<tr><td>Alstonia scholaris</td><td>Devil tree</td><td>20</td></tr>
<tr><td>Manilkara zapota</td><td>Sapota</td><td>10</td></tr>
<tr><td colspan="2">Total Trees</td><td>95</td></tr>
</table></td></tr>
<tr><td>30.</td><td>Parking facilities provided:
Cars
Two-Wheelers</td><td>Cars: 151Nos.

Two Wheelers: 38 Nos.</td></tr>
<tr><td>31.</td><td>Traffic study details with dated peak hour traffic density photographs:</td><td>Will be submitted during the presentation.</td></tr>
<tr><td>32.</td><td>Status of construction</td><td>Not started yet.</td></tr>
<tr><td>33.</td><td>Legal issues pending (if any)</td><td>No.</td></tr>
<tr><td>34.</td><td>Conceptual plan of your project to be submitted</td><td>Submitted with Form 1A of Annex IV.</td></tr>
<tr><td>35.</td><td>Any novel green building concept adopted?</td><td>▪ Use of low embodied energy material in construction, use of locally available late rite blocks in the building shells and high albedo paints</td></tr>
</table>

		▪ Rooftop water harvesting through underground collection tanks ▪ STP, dual plumbing, water recycling and reuse ▪ Manure from OWC for internal gardening use

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

238.9. Proposed Residential Apartment Building at Sy.No.113/4 of Nagondanahalli Village, K.R. Puram Hobli, Bangalore East Taluk, Bangalore District **By M/s. United Developers (SEIAA 168 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. United Developers, Sy No. 67/1, 5th Floor, Above Udupi Park Hotel, Jayarama Reddy Layout, Whitefield Main Road, Mahadevapura,

			Bangalore-560048
2		Name & Location of the Project	Proposed Residential Apartment Building Project at Sy. No. 113/4, of Nagondanahalli Village, K R Puram Hobli, Bangalore East Taluk, Bangalore
3		Co-ordinates of the Project Site	12°58'28.60"N 77°45'59.49"E
4		Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	--
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5		Type of Development	Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building
	b.	Residential Township/ Area Development Projects	NA
6		Plot Area (Sqm)	11,836.95m^2
7		Built Up area (Sqm)	37,767.47 m^2
8		Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential building in B+G+4UF & a Club House
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	260 Units
11		Project Cost (Rs. In Crores)	80
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5268.58 Sqm (49.98 %)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4138.51 sqm (39.26%)
	d.	Internal Roads	3mts Width

	e.	Paved area	1134.94 Sqm (10.76%).	
	f.	Others Specify	Road widening area – 1295.67 Sqmt	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total		
14	Details of demolition debris and / or Excavated earth			
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA	
	b.	Total quantity of Excavated earth (in cubic meter)	42,000	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 14,000 For Landscape= 12,000 For Internal Road making =16, 000	
	d.	Excess excavated earth (in cubic meter)	NA	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	25 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	2 KLD	
	d.	Waste water generation in KLD	1 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	137
			Recycled	68
			Total	205
	b.	Source of water	Gramapanchayath	
	c.	Waste water generation in KLD	185	
	d.	STP capacity	190 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess 82 KLD treated water will be used for, car washing, floor washing, for avenue plantation and for nearby projects construction purposes.	

16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	300 m^3
	b.	No's of Ground water recharge pits	10 Nos
17		Storm water management plan	Enclosed in EMP
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	351 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	234 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	20-50 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	100 Kg/year given to PCB authorized recycler
19	POWER		
	a.	Total Power Requirement - Operational Phase	1050 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 2 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	18% we have achieved
20	PARKING		
	a.	Parking Requirement as per norms	286
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	3 mts

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms.

As far as CER is concerned that he will earmark Rs 80.00 lakhs to take up Greenery, sanitation, water supply, solar lighting and other infrastructure works in Tumkur university campus in consultation with the university authorities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Sub metering for water consumption to be installed.

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

238.10. Proposed Residential Development Building Project at Sy.Nos.45, 46 & 47 of Chikkagubbi Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore District by **M/s. Gazy Mag Pvt. LTd. (SEIAA 169 CON 2019)**

Sl. No.	PARTICULARS	INFORMATION
1	Name & address of the project proponent	Mr.Sathish C.G Authoried Signatory. M/s GazyMagPrivate Limited, Salma Biż House, No.34/1, 3rd Floor T-1 & T-2, Meanee Avenue Road, Opposite to Lakeside Hospital, Ulsoor Road, Near Ulsoor Lake, Bangalore-560042.
2	Name & location of the project	Proposed Residential Apartment Building, Located at Sy.no. 45,46&47, Chikkagubbi Village, Bidarahalli Hobli,

			Bangalore East Taluk, Bengaluru.
3		Co – ordinates of the project site	Latitude: 13.078034 N Longitude: 77.658191E
4		Environmental sensitivity	
	a.	Distance from periphery of the nearest lake and other water bodies (lake, rajakaluve, nala, etc.,)	The proposed project site is within the NGT Norms: • Nearest lake to the project site is Kalkerelake: at a distance of 5500 m from the project site as per the village map.
	b.	Type of water body at the vicinity of the project site and details of buffer provided as per NGT direction in O.A. 222 of 2014 dated 04.05.2016, if applicable	NA
5		Type of development	
	a.	New/ Expansion/Modification	New
	b.	Residential apartment /Villas/ Row houses/ Vertical development / Office/ IT /ITES/ Mall/ Hotel/ Hospital/ other	"Proposed Residential ApartmentBuilding"
	c.	Residential township / Area development projects	--
6		Plot area (Sqm)	Total: 35,157.05 Sqm
7		Built up area (Sqm)	Total: 80,237.66Sqm
8		Building configuration (number of blocks/ towers/ wings etc., with numbers of basement and upper floor)	Proposed: Wing A: BF+GF+4UF. with 3 Club house:GF+1UF Wing B: BF+GF+4UF with 1 Club house: GF+1UF
9		Number of units in case of construction projects	Total: 538 units
10		Number of plots in case of Residential township /Area development projects	--
11		Project cost (Rs. In Crores)	Total: Rs. 108.09 Crores
12		Residential area in case of residential	--

		projects/ townships	
13		Details of land use (Sqm)	
	A	Total site area of the project	35,157.05Sq m
	a	Road Widening	-----
	b.	Kharab land	3,692.75sqm
	c.	Ground coverage area	14,882.60sqm
	d.	Total green belt on mother earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,836.64 sqm
	e.	Internal roads	6,786.25 sqm
	f.	Paved area	
	g.	Other specify	
	h.	Parks & open space in case of residential township/ area development projects	--
14		Details of demolition debris and /or excavated earth	
	a.	Details of debris (in cubic meter/MT) if it involves demolition of existing structure and plan for re use as per construction and demolition waste management rules 2016, if applicable	300 cum
	b.	Total quantity of excavated earth	33850.72 cum
	c.	Quantity of excavated earth propose to be used in the project site (in cubic meter)	33850.72 cum
	d.	Excess excavated earth (in cubic meter)	--
	e.	Plan for scientific disposal of excess excavated earth along with co-ordinate of the site proposed for such disposal	--
15		WATER	

	I.	Construction phase	
	a.	Source of water	Sourced through tankers via external agencies for domestic purpose &construction purpose.
	b.	Quantity of water for construction in KLD	20 KLD
	c.	Quantity of water for domestic purpose in KLD	3.0 KLD
	d.	Wastewater generation in KLD	2.4 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	The total domestic wastewater generated during construction phase will be treated in mobile STP and treated water will be utilized for developing the landscape area.
	II.	Operation phase	
	a.	Total requirement of water in KLD	406KLD
	b.	Source of water	Village Panchayat
	c.	Waste water generation in KLD	325 KLD
	d.	STP capacity	400 KLD
	e.	Technology employed for treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	--
16		Infrastructure for rain water harvesting	
	a.	Capacity of sump tank to store the roof run off	250cum roof top water collection sump
	b.	No's of ground water recharge pits	Total number of deep recharge pits proposed:33 Nos. 1.2m Dia&1.8 m Depth.
17		Strom water management plan	Total 250 m^3 roof rainwater collection sump and 33 Nos. of deep recharge pits will be provided all along the storm water drain. Excess runoff will be routed to the external storm water drain.
18		WASTE MANAGEMENT	

	I.	Construction phase	
	a.	Quantity of solid waste generation and mode disposal as per norms	Total solid waste generation will be 6 kg/day; which will be disposed by contractor.
	II	Operational phase	
	a.	Quantity of biodegradable waste generation and mode of disposal as per norms	840 kg /day; which will be processed in proposed organic waste converter.
	b.	Quantity of non-biodegradable waste generation and mode of disposal as per norms	560 kg/day; which will be handed over to the recyclers.
	c.	Quantity of hazardous waste generation and mode of disposal as per norms	--
	d.	Quantity of E- waste generation and mode of disposal as per norms	--
19		POWER	
	a.	Total power requirement –operational phase	2200 KW
	b.	Numbers of DG set and capacity in KVA for standby power supply	200 KVA x 2 Nos. 250 KVA x 2 No.
	c.	Details of fuel used for DG set	153liters/hr of diesel
	d.	Energy conservation plan and percentage of savings including plan for utilization of solar energy a per ECBC 2007	Total energy savings will be 23.24%
20		PARKING	
	a.	Parking requirement as per norms	Car parking required: 599cars Car parking provided:603cars
	b.	Level of service (LOS) of the connecting roads as per the traffic study report	• Approach Road is 2 lanes: LOS B • Hennur Main Road: LOS C

	c.	Internal road width (RoW)	Internal driveway within the project site: 5 m wide Approach road width: Doddagubbi Main Road and Hennur Main Road (15 m Wide)
21		Any other information specific to the project (specify)	--

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms. The proponent has stated that he will restrict fresh water demand to 55lpcd as per the rural water supply norms and balance 80lpcd will be made good utilizing the treated water.

As far as CER is concerned that he will earmark Rs 2.00crores to take up Greenery, sanitation, water supply, solar lighting and other infrastructure works in Bangalore university Gnanabharathi campus in consultation with the university authorities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

238.11. Proposed Multi Storey Residential Flats at Sy.No.11 of Dhoddanagamangala, Beguru Hobli, Bangalore South Taluk, Bangalore District **by RAJIV GANDHI HOUSING CORPORATION LTD. (SEIAA 01 CON 2020)**

The proponent was invited for the 238th meeting held on 21-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.12. Proposed Multi Storey Residential Flats at Sy.No.04 of Heggondanahalli Village, Sarjapura Hobli, Anekal Taluk, Bangalore District **by RAJIV GANDHI HOUSING CORPORATION LTD. (SEIAA 02 CON 2020)**

The proponent was invited for the 238th meeting held on 21-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.13. Proposed Commercial Building Project at CTS No.4784A1/B2 of Beside Gokul Garden, MTS Village, Gokul Main Road, Hubballi Taluk & Dharwad District **by M/s. Marvel Properties Pvt. Ltd. (SEIAA 03 CON 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Marvel properties Pvt ltd, Corporate office: #451/1B1, 4th floor, Dr R I Dugani Building, Opp: Vasan eye care, Near Court Circle, Hubli 580029
2	Name & Location of the Project	Proposed Commercial building project by M/s. Marvel properties Pvt ltd at CTS. NO. 4784A1/B2 Beside Gokul Garden, MTS Village Gokul, Gokul Main Road, Hubballi
3	Co-ordinates of the Project Site	Longitude: 75°06'46.49E "

			Latitude: 15°21'01.45N "
4		Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Topallgatti lake- 1.1 km - NW
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There is no lake within 75 meter from the site boundary.
5		Type of Development	
	a.	Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	CommercialBuilding
	b.	Residential Township/ Area Development Projects	No
6		Plot Area (Sqm)	The site area is 6,829 sq.m.
7		Built Up area (Sqm)	The Gross BUA is 31,363.8 sq. m.
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of commercial building having 2 Basements + Ground Floor + 11 upper floors + Terrace Floor.
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	-
11		Project Cost (Rs. In Crores)	60 Crores
12		Recreational Area in case of Residential Projects / Townships	Playground area – 243.6 sq.m. And Senior Citizen allocated area – 268.5 q.m.(7.5% of net plot area), Park area =707.4 Sq.m. (10.36% of Net plot area);
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	2,343.52 sqm (34.31%)
	b.	Kharab Land	Nil
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,333.95 sq.m (19.55%)

	d.	Internal Roads	3151.53 sq.m(46.14%)	
	e.	Paved area	-	
	f.	Others Specify (Parking Area)	-	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	6,829sq.m.	
14		Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	No demolition is involved.	
	b.	Total quantity of Excavated earth (in cubic meter)	39,296.00cu.m.	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	39,296.00cu.m.	
	d.	Excess excavated earth (in cubic meter)	Nil	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	No disposal	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	HDMC	
	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	31
			Recycled	42
			Total	73 KLD
	b.	Source of water	HDMC	

	c.	Waste water generation in KLD	42 KLD
	d.	STP capacity	73 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	127 cu.m.
	b.	No's of Ground water recharge pits	12 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 = 0.1 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	61.28 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	91.92 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 waste generation and mode of Disposal as per norms	E-waste generation will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	600 kVA
	b.	Numbers of DG set and capacity	1 X 600 kVA

		in KVA for Standby Power Supply	
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	• Solar Power Generation : In non-monsoon season 150kWH x 30 x 8 Months = 36,000kWH • In monsoon season 100kWH x 30 x 4 Months = 12,000 kWH • Total SPV Power Generation in a year = 0.48 L kWH / Annum • Total Solar Energy utilization (Energy saving solar PV) in a year = 0.48 L / Annum • Total energy savings = 27.4%
20		PARKING	
	a.	Parking Requirement as per norms	One car park /75 sq.m for commercial Car park required is 402 Nos No of Car park provided Upper basement 1 car park =141 Nos Lower basement 2 car park =251 Nos Surface car park =10 Nos Total car Parking required as per NBC= 402
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Gokul Road–LOS – B
	c.	Internal Road width (RoW)	29.5 m

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

The Proponent and Environment Consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

As seen from the village survey map and also city survey map there are no water bodies either in the form of natural nala or water ponds which attracts buffer zone as per norms.

As far as CER is concerned that he will earmark Rs 1.2 crores to take up rejuvenation works in flood affected areas of Hubli city.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1) The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2) 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3) Only registered labours should be employed.
4) 20% eco friendly materials to be used for construction.
5) Submetering for water consumption to be installed.

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

238.14. Proposed Building Stone Quarry Project at Sy.No.95(P) of Halagera Village, Yadgir Taluk, Yadgir Rural District (1-00 Acre) by **Sri Hanumantharaya (SEIAA 831 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Hanumantharaya S/o Sri. Shivappa Talwar H. No. 2-13-174N Near Govt. Rice Mill Koliwada, Yadgir Yadgir Taluk & District		
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acres of Govt. Land bearing Sy. No. 95(Part) of Halagera Village in Yadgir Taluk, Yadgir District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°50'40.0"	E 76°21'20.9"
		B	N 13°50'44.8"	E 76°21'23.0"
		C	N 13°50'42.6"	E 76°21'25.5"
		D	N 13°50'43.1"	E 76°21'24.9"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	1-00 acres		
9	Actual Depth of sand in the lease	NA		

	area in case of River sand		
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		NA
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		8057 (Max.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		326Tons/Annum
16	Project Cost (Rs. In Crores)		0.016
17	Environmental Sensitivity		
	a.	Nearest Forest	Yadgir RF 6.1 Km NE
	b.	Nearest Human Habitation	Halagera -2.5 Km
	c.	Educational Institutes, Hospital	Yadgir-7.0 Km
	d.	Water Bodies	Masakanahalli Kere 1.10 Km N Ramasamudram Kere 4.9 Km NE Unnamed Kere 3.0 Km NE Mailapur Kere 3.9 Km E-NE Raisabad Hosahalli Kere 2.77 Km E-SE Hligeri Kere 3.5 Km SE Jinakeri Kere 4.6 Km S Pogalapur Kere 4.1 Km SW Unnamed Kere 2.3 Km W-SW Warakanahalli Kere 1.4 Km NW Mundragi Kere 4.7 Km N-NW Ashanal Kere 7.5 Km N Bhima River 7.3 Km SW Yadgir Kere 6.6 Km W-NW
	e.	Other Specify	-
18	Applicability of General Condition of the EIA Notification,		None

	2006			
19	Details of Land Use in Hectares			
	A	Area of excavation	0-18	
	B	Storage for topsoil	0-01	
	C	Mineral srorage	0-06	
	D	Infrastructure	0-01	
	E	Roads	0-02	
	F	Green belt	0-09	
	G	Area for future use	0-03	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.0 KLD
			Domestic	0.6 KLD
			Plantation	1.0 KLD
			Total	2.6 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

As per the records there are 17 leases including this lease within 500meter radius from this lease area and out of which 9 leases were issued EC prior to 15.01.2016 and based on this proponent claimed exemption for these leases from cluster effect. Out of balance 8 leases 2 leases including this lease have been notified and other leases are in application stage only. The combined area of these 2 leases being 3 Acres and which being less than the threshold limit of 5Ha the committee decided to categorise this project under B2 category and proceeded with the appraisal accordingly.

Further the committee noted that this is a fresh lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and Notified on 11.12.2014.

As seen from the quarry plan there is a level difference of 14 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 49267tons or 18949cum can be mined safely and scientifically to a quarry pit depth of 6meters for lease period.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 250meters connecting lease area to all weather black topped road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Only registered labours should be employed.
3. The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.15. Proposed Building Stone Quarry Project at Sy.No.185 of Makarahalli Village, Malur Taluk, Kolar District (5-00 Acres) **by Sri R Sathish (SEIAA 833MIN 2019)**

The proponent was invited for the 238th meeting held on 21-1-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.16. Proposed Building Stone Quarry Project at Sy.Nos.18/1B/2 & 18/1B/3 of Chalamatti Village, Kalaghatagi Taluk, Dharwad District (2-00 Acres) by **Sri Yallappa B Morabad (SEIAA 834MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Shri. Yallappa B Morabad #6B, 4th Cross road, Siddeshwar Nagar, Sai Nagar Road, Unkal, Hubli-580031

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" of
Sy No.18/1B/2 & 18/1B/3,
Chalamatti Village, Kalaghatagi Taluk,
Dharwad District,Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15° 16′ 29.19″</td><td>E 75° 3′ 47.05″</td></tr>
<tr><td>B</td><td>N 15° 16′ 29.46″</td><td>E 75° 3′ 50.38″</td></tr>
<tr><td>C</td><td>N 15° 16′ 32.05″</td><td>E 75° 3′ 50.33″</td></tr>
<tr><td>D</td><td>N 15° 16′ 31.81″</td><td>E 75° 3′ 46.96″</td></tr>
<tr><td colspan="3">WGS-WGS 84</td></tr>
</table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.809Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's a Building Stone Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>555m Existing pit level</td></tr>
<tr><td>13</td><td>Annual Production Proposed</td><td>55,014 TPA</td></tr>
</table>

	(Metric Tons/ CUM) / Annum			
14	Quantity of Topsoil/Over burden in Tons		2,731Cu. M	
15	Mineral Waste Handled (Metric Tons/ CUM)		2,750Tons/annum	
16	Project Cost (Rs. In Crores)		0.93crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Channapur Village - 2.07 (NE) Reserved Forest at Chalamatti Village- 2.05 (N)	
	b.	Nearest Human Habitation	Chalamatti - 0.45 kms (N)	
	c.	Educational Institutes, Hospital	Kalaghatgi - 14.63 kms (SW)	
	d.	Water Bodies	Agalata Halla - 0.35 (E) Chalamatti Pond - 2.07 (NE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-14	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-23	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.8 KLD
			Domestic	0.9 KLD
			Other	0.80 KLD
			Total	11.5KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific		NA	

	to the project (Specify)	

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion order. The lease has been notified on 22-10-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, the committee opined that 50% of the proposed proved quantity of 289673tons or 108899cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and and the area of this being being less than the threshold limit of 5Ha committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 320meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 3.00 lakhs to take up rejuvenation of Chalmatti pond which is at a distance of 2.0KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.17. Proposed Shahabad Stone Quarry Project at Sy.No.457/5 of Honagunta Village, Chittapur Taluk, Kalaburagi District (1-00 Acre) **by Sri Mohammed Saleemsab (SEIAA 835MIN 2019)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Mohammed Saleemsab
S/o Ahmedsab, 13-632/72, Jewargi Road,
Near Docomo Tower, Rama Mohalla,
Shahabad, Shahabad Taluk,
Kalaburgi District, Karnataka.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Shahabad stone Quarry"
Sy No. 457/5 (P), Honagunta Village,
Chittapur Taluk, Kalaburagi District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>BP-A</td><td>N 17°05'02.2"</td><td>E 76°55'05.9"</td></tr><tr><td>BP-B</td><td>N 17°05'02.5"</td><td>E 76°55'04.5"</td></tr><tr><td>BP-C</td><td>N 17°04'59.0"</td><td>E 76°55'04.6"</td></tr><tr><td>BP-D</td><td>N 17°04'58.9"</td><td>E 76°55'05.8"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Shahabad stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Pattaland</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.4047Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's a Shahabad stone Quarry</td></tr>
</table>

12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		390 mts RL
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		20,426 Square meter/Annum
14	Quantity of Topsoil/Over burden in cubic meter		4,642.0 cu. m of top soil including overburden are proposed to be handled
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		13,620Square meter / Annum
16	Project Cost (Rs. In Crores)		0.99crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5kms
	b.	Nearest Human Habitation	Honagunta Village – 2.75 Kms (SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chittapur – 17.63 Km (NE)
	d.	Water Bodies	Kagini River - 3.15 Kms (E) Bhima River – 5.12 Kms (NW)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0-25
	b.	Waste Dumping Area	---
	c.	Mineral Storage Area	---
	d.	Infrastructure Area	
	e.	Top Soil Yard	
	f.	Road Area	---
	g.	Buffer Zone	0-15
	h.	Unexplored area	--
	G	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation
21	Rate of Replenishment in case River sand project		NA
22	Water Requirement		

	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.6 KLD
			Domestic	0.8 KLD
			Other	1.2 KLD
			Total	11.6 KLD
23	Storm water management plan		• Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season	

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving Shahbad stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 18-11-2019 for 20 years.

As seen from the quarry plan there is no level difference within the mining area and taking this into consideration and also the fact the shahbad stone deposit is to a depth of 6meters, the committee opined that 80% of the proposed proved gross quantity of 20048cum or400960 sqm can be mined safely and scientifically.

As per the combined sketch prepared by DMG there are 6 leases including this lease within 500 meter radius from this lease and total area of these leases is 9Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 310meter connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs2.0lakhs to take up Greenery, Water supply and sanitation works in Honagunta village Govt school which is at a distance of 2.2KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.18. Proposed Building Stone Quarry Project at Sy.Nos.41/3 & 41/4 of Chattanahalli Village, Harappanahalli Taluk, Davanagere District(3-00 Acres) **by Sri Arif Hussain (SEIAA 836MIN 2019)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Arif Hussain,
S/o Allabhakshi Malagi
Door No. 116/92
Karavadi Layout, K B Extention,
Davanagere, Karnataka.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" of
Sri. Arif Hussain,
Sy No: 41/3 & 41/4, Chattnahalli Village,
Harappanahalli Taluk,
Davanagere District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Corner Points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td></td><td colspan="2">WGS-84</td></tr>
<tr><td>1</td><td>14° 32' 13.4"N</td><td>76° 01' 02.8"E</td></tr>
<tr><td>2</td><td>14° 32' 14.9"N</td><td>76° 01' 02.8"E</td></tr>
<tr><td>3</td><td>14° 32' 14.0"N</td><td>76° 00' 52.8"E</td></tr>
<tr><td>4</td><td>14° 32' 13.2"N</td><td>76° 00' 53.2"E</td></tr>
<tr><td>5</td><td>14° 32' 14.9"N</td><td>76° 00' 59.3"E</td></tr>
<tr><td>A</td><td>14° 32' 11.2"N</td><td>76° 01' 06.7"E</td></tr>
<tr><td>B</td><td>14° 32' 14.9"N</td><td>76° 01' 04.1"E</td></tr>
<tr><td>C</td><td>14° 32' 15.7"N</td><td>76° 00' 52.7"E</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>"Building Stone Quarry"</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		1.214 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		"Building Stone Quarry"
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		585 MSL
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,41,979 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		No Topsoil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		2,898Tons/annum
16	Project Cost (Rs. In Crores)		1.09 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	No Forest Within 5 Kms
	b.	Nearest Human Habitation	Potalakatte - 1.32 kms (W)
	c.	Educational Institutes, Hospital	Davanagere – 13.20 Kms(SW)
	d.	Water Bodies	Chikkamegalagere Pond – 2.5 Kms (W)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	2.10
	b.	Waste Dumping Area	0.05
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	0.010
	e.	Infrastructure Area	0.05
	f.	Road Area	0.05

	g.	Green Belt Area/Buffer Zone	0.65	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi-Mechanized Method of quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.04 KLD
			Domestic	0.9KLD
			Other	0.66 KLD
			Total	11.6 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion order. The lease has been notified on 31-08-2018 for 20 years.

As seen from the quarry plan there is a level difference of 5 meters within the mining area and taking this into consideration, the committee opined that 20% of the proposed proved quantity of 1324674tons or 497997cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are 5 leases including this lease within 500 meter radius from this lease and total area of these leases is 9.99Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 380meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 5.0 lakhs to take up rejuvenation of Alur pond which is at a distance of 1.6KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.19. Proposed Building Stone Quarry Project at Sy.No.46/1-3 of Warkanahalli Village, Yadgir Taluk, Yadgir Rural District (2-00 Acres) **by Sri Devindrappa (SEIAA 837MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Devindrappa S/o. Sri. Malleshappa Handaraki Bennuru (B) Village, Chittapur Taluk & Kalaburgi District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Govt. Land bearing Sy. No. 46/1-3 of Warkanhalli Village in Yadgir Taluk, Yadgir District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 16°44'42.11"	E 77°12'23.60"
		B	N 16°44'44.24"	E 77°12'25.22"
		C	N 16°44'46.10"	E 77°12'22.20"
		D	N 16°44'44.10"	E 77°12'20.10"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		

6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]		Govt. Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Acres		2-00 acres
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		NA
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		33,571 (Max.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		2077Tons/Annum
16	Project Cost (Rs. In Crores)		0.020
17	Environmental Sensitivity		
	a.	Nearest Forest	Yadgir RF 6.1 Km NE
	b.	Nearest Human Habitation	Warkanahalli -2.0 Km
	c.	Educational Institutes, Hospital	Yadgir-7.0 Km
	d.	Water Bodies	Masakanahalli Kere 1.10 Km N Ramasamudram Kere 4.9 Km NE Unnamed Kere 3.0 Km NE Mailapur Kere 3.9 Km E-NE Raisabad Hosahalli Kere 2.77 Km E-SE Hligeri Kere 3.5 Km SE Jinakeri Kere 4.6 Km S Pogalapur Kere 4.1 Km SW Unnamed Kere 2.3 Km W-SW Warakanahalli Kere 1.4 Km NW Mundragi Kere 4.7 Km N-NW

			Ashanal Kere 7.5 Km N Bhima River 7.3 Km SW Yadgir Kere 6.6 Km W-NW	
	e.	Other Specify	-	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres			
	A	Area of excavation	1.33	
	B	Infrastructure	0.20	
	C	Green belt	0.42	
	D	Overburden Dump	0.42	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.5 KLD
			Domestic	0.9 KLD
			Other	1.5 KLD
			Total	3.90 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent was invited for the 238th meeting held on 21st January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in Govt. land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 28-07-2016 for 20 years.

As seen from the quarry plan there is no level difference within the mining area and taking this into consideration, the committee opined that 50% of the proposed proved

quantity of 220121tons or 84662cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the extended combined sketch prepared by DMG there are 5 leases including this lease within 500 meter radius from this lease and total area of these leases is 8Acres 20guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 300meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 2.00 lakhs to take up rejuvenation of Warakanahalli pond which is at a distance of 900meters from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

22nd January 2020

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah,IFS(R)	-	Member
Dr.N Krishnamurthy	-	Member
Dr M.I Hussain	-	Member
Shri M. Srinivasa	-	Member
Shri J.G Kaveriappa	-	Member
Sri G.T Chandrashekrappa	-	Member
Dr K.B Umesh	-	Member
Sri Vyshak V Anand	-	Member
Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member

Sri Venugopal V	-	Member
Shri Md.Saleem I Shaikh	-	Member
Dr.S.Venkatesan IFS	-	Secretary

10:15 AM to 1:30PM

EIA Projects

238.20. Proposed Permanent Campus of "IIT Dharwad"(Institutional Project) at Village Kelagiri, Chikkamalligewad, Dharwad **by Indian Institute of Technology, Dharwad(SEIAA 65 CON 2019)**

Indian Institute of Technology Dharwad (IIT Dharwad) is an autonomous premier engineering and technology university in Dharwad, India.

The total plot area of the project is greater than 50 hectares, hence it is categorized as 8(b) project, under the EIA Notification, 2006 and requires environmental clearance from the SEIAA, Karnataka.

SL.No.	Particulars	Details
1.	Name of the Project	Proposed Permanent Campus of "IIT DHARWAD" By Indian Institute of Technology Dharwad,(IIT DHARWAD).
2.	S. No. in the schedule	Sr. No. 8 (b) [Schedule 8 : Building/Construction projects/ Area Development Projects and Townships, of EIA Notification 2006]
3.	Total Plot Area	19,02,019.5 m^2 (470 Acres)
4.	Total Built Up Area	14,51,346 m^2
5.	Max. height	68.15 mtrs
6.	Maximum No. of Floors	S+11
7.	Cost of Project	800Crores
8.	Expected Population	39, 878

9.	Total Domestic Water Requirement	3351 KLD
10.	STP Capacity and Technology	3000 KLD
11.	Stormwater Management	4 Water bodies
12.	Parking Proposed	8,097ECS
13.	Solid Waste Generation	27,761.58 kg/day
14.	Total Power Requirement	For Phase-1A- 5015 kVA, for Phase 1B-9082 kVA and for Phase 2&3- 11,500KVA and 12,000 kVA

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

The Proponent and Environment Consultant attended the 223rd meeting held on 27-5-2019 to present the TORs. The committee screened the proposal considering the information provided in the statutory application-Form I, Conceptual plan and clarification/additional information provided during the meeting. The committee decided to recommend the proposal to SEIAA for issue of Standard TORs and following additional TORs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines.

1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
2) Ground water potential and level in the study area may be studied.
3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project.
4) Management plan to utilize the entire earth generated within the site may be worked out and submitted..
5) Utilization of the entire terrace for solar power generation may be worked out and submitted along with layout, efficiency of panels, and cost estimation.
6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
7) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.

8) To submit the Details of trees to be felled and the scheme for development of green belt around the reserved forest all around the project site with the number and kind of tree species as per the norms.
9) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
10) ECBC norms to be fully complied with for design and choice of equipments. Simulation modeling studies to be conducted and quantify the energy savings. Indicate the energy utilization intensity (KWH/year/BUA), bench mark this value for similar commercial buildings.
11) Carbon footprint to be estimated for construction and operation phase. Suitable offsets to be implemented, quantified and detail calculation to be submitted to try and achieve near zero carbon foot print.
12) Traffic simulation studies to be conducted for present and projected traffic densities along with transportation study for construction phase. Traffic plan to be prepared in order to reduce vehicular emissions and project the vehicular emissions through linear air modeling.
13) Provide baseline studies of indoor air quality at each floor level and basement of other commercial buildings developed by the proponent. Detail the measures to monitor indoor air quality during operation phase.
14) The NOC from the Airport authority regarding the height of the building permitted may be obtained and submitted.
15) Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.
16) The proponent to submit the list of flora and fauna found in the study area of 10 KM radius, if there are any Schedule-I fauna and RET species, the proponent to come up with suitable wildlife forest conservation plan prepared in consultation with forest authorities along with budget back up to be carried out in a time bound schedule.

Accordingly TORs were issued on 25-07-2019. The proponent has submitted the EIA report vide letter dated:11-12-2019. The same was placed before 238th SEAC meeting for EIA appraisal.

The proponent and consultant attended 238th SEAC meeting held on 22-01-2020 for EIA appraisal.

As per the records no study has been carried out in respect of the following aspects. 1) Ground water potential has not been surveyed and computed. 2) Waste to energy option has not been exercised. 3) Surface hydrology studies to assess the runoff and to

know adequacy of the carrying capacity of the nala has not been done. 4) Existing trees in the project site has not been listed species wise and number wise. 5) List of trees species wise and number wise proposed to be translocated and cut. 6) List of proposed trees species wise and number wise for greenery and green belt. 7) Flora and fauna in 10KM study area is not carried out and same as need to classified as per IUCN and wildlife protection act 1972 if there are schedule -I fauna wildlife protection plan is to be prepared in consultation with forest officers and submit. 8) Land use and land cover map needs to be revised.

For these issues the proponent and consultant have agreed to comeback after rectifying above issues by weeks time and the committee decided to list the project on priority in next meeting. Hence the committee decided to defer the project.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.21. Proposed Expansion of production capacity of CI Graded Casting from 36,000 MTPA to 1,20,000 MTPA located at R.S No.552/B, 553/B & 592/B, Machhe Industrial Estate, Belgavi Taluk & District by **M/s. Ashok Iron Works Pvt Ltd, Plant -III(SEIAA 07 IND 2019)**

Sl. No	PARTICULARS		INFORMATION
1	Name and Address of the Project Proponent		**Mr. Vijay.S.Katkar** Director At R S No. 552/B, 553/B & 592/B, Machhe Industrial Estate, Belagavi District, Karnataka
2	Name and Location of the Project		**M/s Ashok Iron works Pvt Ltd, Plant-III,** At R S No. 552/B, 553/B & 592/B, Machhe Industrial Estate, Belagavi District, Karnataka
3	Co-ordinates of the Project Site		Latitude: 15° 47' 21.80" N Longitude: 74° 28' 5.49" E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Yellur Kere- 4.6 Km (E) Rakaskop dam – 10 km (W)
	b.	Distance from Protected area notified under wildlife protection act	---
	c.	Distance from the interstate boundary	Karnataka – Maharastra state boundary – 11.7 Km Karnataka – Goa state boundary – 28 Km
	d.	Whether located in critically / severally polluted area as per the CPCB norms	No

5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Activity 3 (a) of Category-B
6	New/ Expansion/ Modification/ Product mix change		Expansion
7	Plot Area (Sqm)		1,18,653 Sqmt
8	Built Up area (Sqm)		46403 Sqmt
9	Component of developments		Expansion of CI Graded casting
10	Project cost (Rs. In crores)		Rs. 436.45 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	20,293 Sqmt
	b.	Kharab Land	--
	c.	Internal Roads	--
	d.	Paved area	--
	e.	Parking	--
	f.	Green belt	20399 Sqmt
	g.	Others Specify	Open area - 60938 Sqmt
	h.	Total	120460 Sq.mt
12	Products and By- Products with quantity (enclose as Annexure if necessary)		CI Graded casting of 1,20,000 MTPA
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Detailed in feasibility report
14	Mode of transportation of Raw material and storage facility		Mode of transportation of all raw materials to the project site is by road and bought from the local markets.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		--
16	Fly ash production, storage and disposal details whereas coal is used as fuel		--
17	Complete process flow diagram and technology employed		Detailed in feasibility report
18	Details of Plant and Machinery with capacity/ Technology used		Dg capacity - 2 X 1050 KVA STP capacity – 60 KLD & 15 KLD
19	Details of VOC emission and control measures wherever applicable		--
20	WATER		
	I.	Construction Phase	
	a.	Source of water	KIADB

	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3 KLD	
	d.	Waste water generation in KLD	2.7 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in existing STP	
	II	Operational Phase		
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	
			Recycled	-
			Total	**187.5 KLD**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	120 KLD
			Recycled	-
			Total	**120 KLD**
	d.	Requirement of water for domestic purpose in KLD	Fresh	67.5 KLD
			Recycled	--
			Total	**37.5 KLD**
	e.	Waste water generation in KLD	Industrial effluent	-
			Domestic sewage	75 KLD
			Total	**75KLD**
	f.	ETP/ STP capacity	STP capacity - 60 KLD & 15 KLD	
	g.	Technology employed for Treatment	ASP Technology	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting		11 KLD will be provided to recharge roof rain water	
22	Storm water management plan		For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23	Air Pollution			
	a.	Sources of Air pollution	Dg set	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Detailed in feasibility report	
24	Noise Pollution			
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	

	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Waste sand	470 MT/Day
			Slag	16.5 MT/Day
			Metal Scrap	Nil
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	**Description**	**Quantity**
			Waste oil	8 KLPA
			Oil soaked cotton waste	5 MTPA
			Used oil filters	20 No's/A
			Discarded Containers	15000 No's/A
			STP Sludge	100 Kg/M (Approx.)
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	
26	Risk Assessment and disaster management		Will be provided during EIA submission	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Electricity– HESCOM – 13500 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 1050 KVA	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Dg set – HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--	
28	PARKING			
	a.	Parking Requirement as per norms	50 numbers	
	b.	Internal Road width (RoW)	Approach road width – 18m Internal road width - 13m **(min)**	
29		Any other information specific to the project (Specify)	--	

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

The Proponent and Environment Consultant attended the 220th meeting held on 9-4-2019 to present the TORs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies. The committee also prescribed the following additional TORs.

1) Methodology adopted for sand reclamation may be detailed.
2) Air capacity modeling to be conducted for the study area of 500 meter around the unit to capture the cumulative effect of the surrounding units in determining the ground level concentration of the pollutants.
3) The details of renewable energy harvesting at the project site may be furnished.
4) Provide the energy audit report as per BEE (Bureau of Energy Efficiency).

Accordingly TORs were issued on 28-05-2019. The proponent has submitted the EIA report vide letter dated: 20-12-2019. The same was placed before 238th SEAC meeting for EIA appraisal.

The proponent and consultant attended 238th SEAC meeting held on 22-01-2020 for EIA appraisal.

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

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

TOR projects

238.22. Proposed Dolomite Mineral Project at Sy.Nos.282, 277 & 276(P) of Shirur Village, Bagalkot Taluk, Bagalkot District (33-33 Acres) **by M/s.Sona Minerals (SEIAA 845MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**M/s Sona Minerals,** Smt. Kavitha S Malligeri W/o Shivanand S Melligeri, 191 H, Extension Area, Bagalkot.

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>Dolomite minerals Of M/s Sona Mineralsover an extent of 33-33 Acre at Sy No: 282, 277 & 276 (P), Shirur Village, Bagalkot Taluk, Bagalkot District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table>
<tr><th>BP. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>BP-A</td><td>N 16° 07' 50.8"</td><td>E 75° 44' 25.4"</td></tr>
<tr><td>BP-B</td><td>N 16° 07' 49.7"</td><td>E 75° 44' 31.1"</td></tr>
<tr><td>BP-C</td><td>N 16° 07' 42.9"</td><td>E 75° 44' 31.0"</td></tr>
<tr><td>BP-D</td><td>N 16° 07' 35.5"</td><td>E 75° 44' 30.7"</td></tr>
<tr><td>BP-E</td><td>N 16° 07' 37.2"</td><td>E 75° 44' 20.7"</td></tr>
<tr><td>BP-F</td><td>N 16° 07' 38.7"</td><td>E 75° 44' 13.7"</td></tr>
<tr><td>BP-G</td><td>N 16° 07' 42.5"</td><td>E 75° 44' 13.9"</td></tr>
<tr><td>BP-H</td><td>N 16° 07' 40.9"</td><td>E 75° 44' 21.3"</td></tr>
<tr><td>BP-I</td><td>N 16° 07' 44.7"</td><td>E 75° 44' 22.0"</td></tr>
</table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Dolomite minerals</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Revenue land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>13.69 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Dolomite minerals</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>542 MSL is the existing pit level</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>1,11,639 Tonnes/Annum</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden in cubic meter</td><td>50,771 tonnes of top soil generation.</td></tr>
<tr><td>15</td><td>Mineral Waste Handled (Metric</td><td>The intercalated waste of the Lease period is about</td></tr>
</table>

	Tons/ CUM)/ Annum		49,618 Tons.	
16	Project Cost (Rs. In Crores)		1.52 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Niralkeri Village - 0.65 Kms (W) Reserved Forest at Kelawadi Village - 3.70 Kms (S)	
	b.	Nearest Human Habitation	Bevinamatti – S. Haveli - 0.78 Kms (N)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated inBagalkot - 9.90 Kms (NW).	
	d.	Water Bodies	Kakke Halla - 0.42 ((E) Shirur Pond - 5.84 kms (SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	1.878	
	b.	Waste Dumping Area	0.500	
	c.	Top Soil Storage Area	0.250	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0.308	
	g.	Green Belt Area/Buffer Zone	1.325	
	h.	Unexplored area	--	
	i.	Others Specify (Afforestation)	9.429	
20	Method of Mining/ Quarrying		Semi Mechanized Method	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.4 KLD
			Domestic	1.35 KLD
			Other	1.15 KLD
			Total	12.9 KLD
23	Storm water management plan		Garland drains will be provided around the excavations, dumps and along roads to divert storm water from broken areas into the mining sump where the water percolates into the ground due to porosity of Limestone & Dolomite material. A series of Gully Plugs will be constructed. Drains will be constructed to channelize the water in	

		loose soil areas to prevent erosion.

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The proposal is for Dolomite mining without any crushing activity.

The area of this lease is 33Acres and 33guntas and which being more than the threshold limit of 5 Ha. committee decided to categorize this project under B1 and proceeded with the appraisal accordingly.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies in accordance with EIA Notification 2006. The committee also prescribed the following additional TORs.

1) Details of protective measures for the Reserved forest which is 900meters from the project site may be detailed and submitted.
2) Details of protective measures for the nearby nala which is at 400meters from project site may be detailed and submitted.
3) Details of waste handling may be detailed and submitted.
4) Land use details within the lease area may be detailed and submitted.
5) Protective measures to protect surrounding agricultural land may be detailed and submitted.
6) Combined EMP for all the leases within the 500meter radius may be prepared and submitted.
7) Implementation of MoEF GoI OM Dt.16.01.2020 regarding mining closure plan may be detailed and submitted.

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

238.23. Proposed Dolomite Mineral Project at Sy.Nos.94/1, 94/2, 94/3, 94/4, 84/1 & 83/1 of Neeralakeri Village, Bagalkot Taluk, Bagalkot District **by M/s. Sri Sangameshwar Mines & Minerals (16-29 Acres) (SEIAA 846MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Shri. Ramanna Jumanal Partner, M/s. Sri Sangameshwar Mines & Minerals, Jumanal Building, Plot No. 43(A)

		APMC Yard, Navanagar,Bagalkot - 583103
2	Name & Location of the Project	Dolomite minerals Of M/s. Sri Sangameshwar Mines & Mineralsover an extent of 16-29 Acre at Sy No: 94/1, 94/2, 94/3, 94/4, 84/1 & 83/1, Neeralakeri Village, Bagalkot Taluk, Bagalkot District, Karnataka.
3	Co-ordinates of the Project Site	<table><tr><th>BP. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>BP-A</td><td>N 16° 06' 59.1"</td><td>E 75° 42' 18.8"</td></tr><tr><td>BP-B</td><td>N 16° 06' 57.7"</td><td>E 75° 42' 24.9"</td></tr><tr><td>BP-C</td><td>N 16° 06' 56.8"</td><td>E 75° 42' 27.1"</td></tr><tr><td>BP-C1</td><td>N 16° 06' 49.3"</td><td>E 75° 42' 27.2"</td></tr><tr><td>BP-D</td><td>N 16° 06' 47.6"</td><td>E 75° 42' 27.0"</td></tr><tr><td>BP-E</td><td>N 16° 06' 47.7"</td><td>E 75° 42' 24.0"</td></tr><tr><td>BP-F</td><td>N 16° 06' 49.9"</td><td>E 75° 42' 24.2"</td></tr><tr><td>BP-G</td><td>N 16° 06' 50.7"</td><td>E 75° 42' 19.2"</td></tr><tr><td>BP-H</td><td>N 16° 06' 55.8"</td><td>E 75° 42' 18.8"</td></tr></table>
4	Type of Mineral	**Dolomite minerals**
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Revenue land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	6.768 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Dolomite minerals
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	550 MSL is the existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,30,000 Tonnes/Annum

14	Quantity of Topsoil/Over burden in cubic meter		50,978 tonnes of top soil generation.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		The intercalated waste of the Lease period is about 27,370 Tons.	
16	Project Cost (Rs. In Crores)		1.50 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Sulikeri Village - 1.30 kms (W) Reserved Forest at Kelawadi Village - 2.75 Kms (S) Reserved Forest at Niralkeri Village - 1.10 Kms (N)	
	b.	Nearest Human Habitation	Neralakeri - 1.45 Kms (NW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated inBagalkot - 5.74 Kms (NW).	
	d.	Water Bodies	Kakke Halla - 1.50 ((S) Shirur Pond - 8.45 kms (SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.412	
	b.	Waste Dumping Area	0.562	
	c.	Top Soil Storage Area	0.500	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	0.003	
	f.	Road Area	0.130	
	g.	Green Belt Area/Buffer Zone	0.828	
	h.	Unexplored area	--	
	i.	Others Specify (Afforestation)	2.333	
20	Method of Mining/ Quarrying		Semi Mechanized Method	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.99 KLD
			Domestic	1.37 KLD
			Other	1.14 KLD
			Total	13.5 KLD
23	Storm water management plan		Garland drains will be provided around the	

		excavations, dumps and along roads to divert storm water from broken areas into the mining sump where the water percolates into the ground due to porosity of Limestone & Dolomite material. A series of Gully Plugs will be constructed. Drains will be constructed to channelize the water in loose soil areas to prevent erosion.

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The proposal is for Dolomite mining without any crushing activity.

The area of this lease is 6.768Ha and which being more than the threshold limit of 5 Ha. committee decided to categorise this project under B1 and proceeded with the appraisal accordingly.

The Committee after discussion had decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies in accordance with EIA Notification 2006. The committee also prescribed the following additional TORs.

1) Details of waste handling may be detailed and submitted.
2) Land use details within the lease area may be detailed and submitted.
3) Protective measures to protect surrounding agricultural land may be detailed and submitted.
4) Combined EMP for all the leases within the 500meter radius may be prepared and submitted.
5) Implementation of MoEF GoI OM Dt.16.01.2020 regarding mining closure plan may be detailed and submitted.

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

Fresh Projects

238.24. Proposed Building Stone Quarry Project at Sy.Nos.41/1 & 41/2 of Chatnahalli Village, Harappanahalli Taluk, Davanagere District (2-00 Acres) **by Sri P. Rajanaik (SEIAA 838MIN 2019)**

Sl.	PARTICULARS	INFORMATION

<table>
<tr><td>No</td><td></td><td></td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. P. Rajanaik S/o Thulachanaik
Nagathikatte Thanda,
Pothalakatte Post, Harappanahalli Taluk
Davanagere District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" of
Sri. P. Rajanaik
Sy No: 41/1 & 41/2, Chatnahalli Village,
Davanagere Taluk, Davanagere District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th></th><th colspan="2">WGS 84 Spherical Coordinates</th></tr><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1</td><td>14° 32'13.4"N</td><td>76° 01'02.8"E</td></tr><tr><td>2</td><td>14° 32'11.7"N</td><td>76° 01'02.7"E</td></tr><tr><td>3</td><td>14° 32'11.9"N</td><td>76° 00'56.8"E</td></tr><tr><td>4</td><td>14° 32'13.3"N</td><td>76° 00'56.9"E</td></tr><tr><td>A</td><td>14° 32'11.2"N</td><td>76° 01'06.7"E</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>"Building Stone Quarry"</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.809 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>"Building Stone Quarry"</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>582 Msl</td></tr>
<tr><td>13</td><td>Annual Production Proposed</td><td>78,853 Tons/annum</td></tr>
</table>

	(Metric Tons/ CUM) / Annum			
14	Quantity of Topsoil/Over burden in cubic meter		No Top Soil	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,609Tons/Annum	
16	Project Cost (Rs. In Crores)		0.97 Crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	No Forest Within 5 kms	
	b.	Nearest Human Habitation	Potalakatte - 1.40 kms (W)	
	c.	Educational Institutes, Hospital	Davanagere - 13.16 kms (SW)	
	d.	Water Bodies	Chikkamegalagere Pond – 2.5 Kms (W)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1.40	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	0.05	
	e.	Infrastructure Area	0.05	
	f.	Road Area	0.05	
	g.	Green Belt Area/Buffer Zone	0.45	
	h.	Unexplored area	---	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi-Mechanized Method of quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.10 KLD
			Domestic	1.03KLD
			Other	0.67 KLD
			Total	11.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion order. The lease has been notified on 31-08-2018 for 20 years.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this into consideration, the committee opined that 35% of the proposed proved quantity of 496587tons or 186686cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the combined sketch prepared by DMG there are 5 leases including this lease within 500 meter radius from this lease and total area of these leases is 9.99Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 370meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 3.5 lakhs to take up rejuvenation of Alur pond which is at a distance of 1.5KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.25. Proposed Ordinary Sand Quarry Project at Sy.Nos.31/1, 32/1, 32/4 & 32/5 of Kuruvinakoppa Village, Rona Taluk, Gadag District (5-20 Acres) **by Sri Irganteppa M Sindageri (SEIAA 839MIN 2019)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Irganteppa M Sindageri,
S/o Mahantappa,
Kondguli village, Sindgi Taluk, Bijapur District, Karnataka-586120</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Ordinary Sand Mining over an extent of 5-20 Acres (2.225 Hectares) at Sy. No. 31/1, 32/1, 32/4 & 32/5 of Kuruvinakoppa Village, Ron taluk, Gadag district, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>GPS READING OF CORNER PILLARS
<table><tr><th>CORNER PILLAR</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>N15°49'46.10"</td><td>E75°39'37.30"</td></tr><tr><td>B</td><td>N15°49'46.50"</td><td>E75°39'34.90"</td></tr><tr><td>C</td><td>N15°49'37.88"</td><td>E75°39'34.47"</td></tr><tr><td>D</td><td>N15°49'35.63"</td><td>E75°39'34.33"</td></tr><tr><td>E</td><td>N15°49'35.09"</td><td>E75°39'36.25"</td></tr><tr><td>E</td><td>N15°49'37.70"</td><td>E75°39'36.70"</td></tr><tr><td colspan="3">MAP DATUM - WGS 84</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Sand Block</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>2.225 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand</td><td>5.00m</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>3.00m</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of</td><td>Our Production Capacity is 60,000 tonnes for 1st</td></tr>
</table>

	river sand mining as specified in the sustainable sand mining guideline 2016		Year, 15,000 tonnes for 2nd & 3rd Year.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Fresh Application
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		60,000 tonnes for 1st Year, 15,000 tonnes for 2nd & 3rd Year.
14	Quantity of Topsoil/Over burden in cubic meter		It is a Sand Quarry
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No Waste Available
16	Project Cost (Rs. In Crores)		1.65crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Mallapur Reserved Forest – 3.08 Kms (N)
	b.	Nearest Human Habitation	Kuruvinakoppa Village – 1.10 Km (SE)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Ron – 15.50 kms (SE)
	d.	Water Bodies	Malprabha River - 0.10 kms (S)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Ha		
	a.	Area for Mining/ Quarrying	1.744
	b.	Waste Dumping Area	0.481
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	--
	e.	Infrastructure Area	--
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	--
	h.	Unexplored area	--
	i.	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation
21	Rate of Replenishment in case River sand project		Quarry plan is Enclosed
22	Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water

	b.	Total Requirement of Water in KLD	Dust Suppression	2.05KLD
			Domestic	0.8 KLD
			Other	1.25 KLD
			Total	4.1KLD
23	Storm water management plan		River course will not be altered hence no storm water management plan is required	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving ordinary sand mining in patta land.

As per the combined sketch prepared by DMG there are 3leases including this lease within 500 meter radius from this lease and total area of these leases is 20Acres 20guntas and which being more than the threshold limit of 5 Ha. committee decided to categorize this project under B1 and decided to issue standard TORs along with following additional TORs.

1) Details of handling top soil may be detailed and submitted.
2) Details of handling waste may be detailed and submitted.

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

238.26. Proposed Expansion of Dabbanagadde Sand Block No.4 in Tunga River Bed Project at Dabbanagadde Village, Thirthahalli Taluk, Shivamogga District **by Sri Praveen D. (12-00 Acres) (SEIAA 840MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**Sri. Praveen D** S/o Durgappa, No.353 Anugraha, L B S Nagara, Last Cross, Shivamogga, Shivamogga District.

2	Name & Location of the Project	"Dabbanagadde Sand Block No. 4 " of Sri. Praveen D, Block No 4 of DabbanagaddeVillageAdjacent to Bhadrarajapura Village primise, Thirthahalli, Shivamogga District
3	Co-ordinates of the Project Site	<table><tr><th>POINTS</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>N 13° 39' 47.21"</td><td>E 75° 19' 11.72"</td></tr><tr><td>B</td><td>N 13° 39' 56.08"</td><td>E 75° 19' 24.02"</td></tr><tr><td>C</td><td>N 13° 39' 52.72"</td><td>E 75° 19' 26.01"</td></tr><tr><td>D</td><td>N 13° 39' 44.55"</td><td>E 75° 19' 12.48"</td></tr></table>
4	Type of Mineral	**River Sand Quarry**
5	New / Expansion / Modification / Renewal	Expansion of production capacity in Environmental Clearance from 10,608 MT to 68,433 TPA
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	4.85 Ha
9	Actual Depth of sand in the lease area in case of River sand	0.83mts
10	Depth of Sand proposed to be removed	0.83mts
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	2,44,800 Tonnes/year
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	68,433Tonnes per Annum

14	Quantity of Topsoil/Over burden in cubic meter		No top soil	
15	Mineral Waste Handled (Metric Tons/ CUM)		No waste is produced.	
16	Project Cost (Rs. In Crores)		1.67 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	None within 5kms	
	b.	Nearest Human Habitation	Dabbanagadde Village - 0.80 Km (N)	
	c.	Educational Institutes, Hospital	Thirthahalli -8.38kms (NW)	
	d.	Water Bodies	This is a river sand mining project. The site is in Thunga river Bed	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	12-00	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	--	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of	Dust	2.07KLD
		Water in KLD	Suppression	

		Domestic	0.7 KLD
		Other	0.23 KLD
		Total	3.0 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a old lease the EC for which were granted by DEIAA for the production of 10608MTPA for 5 years. The proponent has stated that this application has been made out to increase the production to 68433MTPA based on JIR and Modified quarry plan

As per the combined sketch prepared by DMG there are 3 leases including this lease within 500 meter radius from this lease and total area of these leases is 36Acres and which being more than the threshold limit of 5 Ha. committee decided to categorise this project under B1 and decided to issue standard TORs along with following additional TORs.

1) Details of handling waste may be detailed and submitted.
2) Certified compliance to earlier EC may be obtained and submitted.
3) River bank protection works may be detailed and submitted.

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

2.15PM-6.00PM

238.27. Proposed Expansion of Dabbanagadde Sand Block No.4 in Tunga River Bed Project at Adjacent to Sy.No.17 (Jadi) Dabbanagadde Village, Thirthahalli Taluk, Shivamogga District (12-00 Acres) **by Sri Ganapathi Y (SEIAA 841MIN 2019)**

Sl.	PARTICULARS	INFORMATION

<table>
<tr><td>No</td><td></td><td></td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri Ganapathi Y S/o Yallappa
PWD Contractor
Kuruvalli Post, Thirthahalli Taluk
Shivamogga District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Dabbanagadde Sand Block 1" of
Sri Ganapathi Y,
Adjacent to Sy. No- 17(Jadi),
Dabbanagadde,Village,
Thirthahalli Taluk,
Shivamogga District</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>POINTS</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>N 13° 39' 49.50"</td><td>E 75° 18' 21.07"</td></tr><tr><td>B</td><td>N 13° 39' 38.05"</td><td>E 75° 18' 27.98"</td></tr><tr><td>C</td><td>N 13° 39' 34.93"</td><td>E 75° 18' 27.62"</td></tr><tr><td>D</td><td>N 13° 39' 48.69"</td><td>E 75° 18' 17.80"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>River Sand Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>4.85 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>0.61 mts</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>0.61 mts</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>94,944 Tons/Year</td></tr>
</table>

12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		50,362Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter		No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)		No waste is produced.
16	Project Cost (Rs. In Crores)		1.67 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5kms
	b.	Nearest Human Habitation	Dabbanagadde Village -1.55 Km (NE)
	c.	Educational Institutes, Hospital	Thirthahalli- 7.42 kms (NW)
	d.	Water Bodies	This is a river sand mining project. The site is in Thunga river Bed
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		--
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	12-00
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	--
	h.	Unexplored area	--
	i.	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project		NA

22	Water Requirement			
	a.	Source of water	Drinking water : Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.07KLD
			Domestic	0.7KLD
			Other	0.23 KLD
			Total	3.00KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.28. Proposed Gabadi Sand Block No.02 in Tunga River Bed at Adjecent to the Sy.Nos.59 & 3 of Gabadi Village, Thirthahalli Taluk, Shivamogga District (10-00 Acres) by **Executive Engineer,Panchayathraj Engineering Division,Shivamogga (SEIAA 842MIN 2019)**

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.29. Proposed Dabbanagadde Sand Block No.3 in Tunga River Bed Project at Adjacent to Sy.No.17 (Bhadrarajapura) Dabbanagadde Village, Thirthahalli Taluk, Shivamogga District (12-00 Acres) **by Sri K.G. Adithya (SEIAA 843MIN 2019)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri K. G. Adithya, S/o K. M. Gurumurthi
Kimmane Enterprises,
Opp. Adichunchanagiri Community Hall,
Sharavathinagara,Shivamogga-577201.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Sand Blockno. 3of Dabbanagadde Village, adjacent to survey number 17 of the same village and to Bhadrarajapura village premise,Thirthahalli Taluk,Shivamogga District.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>POINTS</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>N 13° 39' 41.79"</td><td>E 75° 18' 43.42"</td></tr><tr><td>B</td><td>N 13° 39' 45.96"</td><td>E 75° 18' 58.31"</td></tr><tr><td>C</td><td>N 13° 39' 42.07"</td><td>E 75° 18' 56.66"</td></tr><tr><td>D</td><td>N 13° 39' 37.89"</td><td>E 75° 18' 42.84"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>River Sand Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Expansion of production capacity in Environmental Clearance from 8109 TPA to 30,642 TPA</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>4.85 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>0.37 mts</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>0.37 mts</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>89,010 Tonnes/year</td></tr>
</table>

12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		30,642Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter		No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)		No waste is produced.
16	Project Cost (Rs. In Crores)		1.67 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5kms
	b.	Nearest Human Habitation	Dabbanagadde - 1.10 Km (NE)
	c.	Educational Institutes, Hospital	Thirthahalli- 7.50 kms (NW)
	d.	Water Bodies	This is a river sand mining project. The site is in Thunga river Bed
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		--
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	12-00
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	--
	h.	Unexplored area	--
	i.	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project		NA

22	Water Requirement			
	a.	Source of water	Drinking water : Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of	Dust	2.07KLD
		Water in KLD	Suppression	
			Domestic	0.7KLD
			Other	0.23 KLD
			Total	3.0KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a old lease the EC for which were granted by DEIAA for the production of 8109MTPA for 5 years. The proponent has stated that this application has been made out to increase the production to 30642MTPA based on JIR and Modified quarry plan

As per the combined sketch prepared by DMG there are 3 leases including this lease within 500 meter radius from this lease and total area of these leases is 36Acres and which being more than the threshold limit of 5 Ha. committee decided to categorise this project under B1 and decided to issue standard TORs along with following additional TORs.

1) Details of handling waste may be detailed and submitted.
2) Certified compliance to earlier EC may be obtained and submitted.
3) River bank protection works may be detailed and submitted.

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

238.30. Proposed Shahabad Stone Quarry Project at Sy.No.66/7 of Kadaboor Village, Chittapur Taluk, Kalburgi District (2-00 Acres) **by Sri Vishwanath Reddy (SEIAA 844MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Vishwanatha ReddyS/o Sri. Basavaraj Patil R/o Balavadagi, Chittapur Taluk Kalburgi District, Karnataka		
2	Name & Location of the Project	Shahabad Stone Quarry in an extent of 2-00 Acres of Patta Land bearing Sy. No. 66/7 of Kadaboor Village, Chittapur Taluk, Kalburgi District.		
3	Co-ordinates of the Project Site	**Point**	**Latitude**	**Longitude**
		A	N 16°59'09.4"	E 76°57'32.8"
		B	N 16°59'06.8"	E 76°57'32.7"
		C	N 16°59'06.8"	E 76°57'36.1"
		D	N 16°59'09.4"	E 76°57'36.2"
4	Type of Mineral	Shahabad stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.8093 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	30,056(Max.) Sqm/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	20,038 Sqm/Annum		

16	Project Cost (Rs. In Crores)		0.018	
17	Environmental Sensitivity			
	a.	Nearest Forest	None	
	b.	Nearest Human Habitation	Kadaboor – 1.80 Km	
	c.	Educational Institutes, Hospital	Chittapur – 20.0 Km	
	d.	Water Bodies	Bhima River 1.8 Km W Chikka Halla 4.22 Km E-NE Dodda Halla 4.92 Km E-NE Ladalapur Kere 7.99 Km E Kumbarahalli Kere 7.93 Km E-SE Nalwar RS Kere E-SE Kagna River 8.31 Km N-NW	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres			
	a.	Working area	0-18	
	b.	Waste dump yard	0-01	
	c.	Roads	0-01	
	d.	Infrastructure	0-01	
	e.	Proposed Buffer Zone	0-19	
	f.	Area Undisturbed	1-01	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.50KLD
			Domestic	0.27 KLD
			Plantation	1.50 KLD
			Total	3.27 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the

proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving Shahbad stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 28-07-2018 for 20 years.

As seen from the quarry plan there is no level difference within the mining area and taking this into consideration and also the fact the shahbad stone deposit is to a depth of 12meters, the committee opined that 80% of the proposed proved gross quantity of 60720cum or 1335840sqm can be mined safely and scientifically.

As per the combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease and total area of these leases is 11Acres 21guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.25KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 6.0lakhs to take up Greenery, Water supply and sanitation works in Kadaboor village Govt school which is at a distance of 1.25KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.31. Proposed Building Stone Quarry Project at Sy.Nos.250/1 & 250/2 of Teggi Village, Bilagi Taluk, Bagalkot District(2-00 Acres) **by Sri M.I. Yengi (SEIAA 847 MIN 2019)**

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.32. Proposed Building Stone Quarry Project at Sy.Nos.250/4 & 250/8 of Teggi Village, Bilagi Taluk, Bagalkot District (1-31 Acres) **by Sri M.I. Yengi (SEIAA 848MIN 2019)**

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.33. Proposed Building Stone Quarry Project at Sy.Nos.383/1 & 382/1P1 of Santhur Village, Udupi Taluk & District (Q.L.No.370)(2-00 Acres) **by Sri M.G. Hussain (SEIAA 849MIN 2019)**

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.34. Proposed Pink Granite Quarry Project at Sy.Nos.92/4/1 & 94/4/2 of Hirekodagali Village, Hungund Taluk, Bagalkot District (2-36 Acres) **by M/s. Amarjyothi Stones (SEIAA 850MIN 2019)**

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Amarjyothi Stones of Sri Chandrahas B Herror #8B236, Opp diet college, Near APMC, Ilkal, Bagakot-587154 , Karnataka.

2	Name & Location of the project	Sy No. 92/4/1 & 92/4/2 HirekodagliVillage
3	Coordinates of the project site	**Points** / **Longitude** / **Latitude** A: E: 76⁰ 08′ 28.7″ / N:15⁰ 55′ 47.8″ B: E: 76⁰ 08′ 29.1″ / N:15⁰ 55′ 49.5″ C: E: 76⁰ 08′ 29.0″ / N:15⁰ 55′ 51.4″ D: E: 76⁰ 08′ 32.7″ / N:15⁰ 55′ 52.8″ E: E: 76⁰ 08′ 31.0″ / N:15⁰ 55′ 47.4″
4	Type of mineral	Pink granite
5	New / Expansion / Modification / Renewal	New
6	Type of land (Forest, Governemnt Revenue, Gomal, Private / patta, Other)	Pattaland
7	Whether the project site fall within ESZ / ESA	No
8	Area in Ha	1.17 Ha
9	Actual depth of sand in the lease area in case river sand	NA
10	Depth of sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA
12	Measurements of the existing quarry pits in case of ongoing / expansion/ modification of the mining proposals other than river sand	NA (Fresh area)
13	Annual production proposed (Metric tons / CUM) / Annum	2000 M^3
14	Quantity of top soil / over burden in cubic meter	1487 tonnes
15	Mineral waste handled (metric tons / CUM) / Annum	8040 M^3
16	Project cost (Rs. in crore)	1.00
17	Environment sensitivity	
	a. Nearest forest	Reserve forest – 5.00 kms
	b. Nearest human habitation	Ilkal – 5.0 km (N)

	c.	Educational institutions, hospital	Ilkal – 5.0 km (N)
	d.	Water bodies	Hosurukere - 5.32 Kms (W)
	e.	Others specify	NA
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of land use in acres		
	a.	Area for mining / quarrying	0.65
	b.	Waste dumping area	0.20
	c.	Top soil storage area	-
	d.	Mineral storage area	0.01
	e.	Infrastructures area	0.01
	f.	Road area	-
	g.	Green belt area / buffer zone	0.30
	h.	Unexplored area	-
	i.	Others specify	-
20	Method of mining / quarrying		Semi mechanized open cast method
21	Rate of Replenishment in case River sand project		NA
22	Water requirement		
	a.	Source of water	Borewell
	b.	Total requirement of water in KLD	5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (specify)		NA

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment-consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Department, Land conversion order and approved from District task force and Notification issued from C & I on 14.03.2018.

As seen from the quarry plan there is a level difference of 4 meters and taking this into consideration committee opined that 50% of the proposed proved gross quantity of 132080cum can be mined safely and scientifically within the lease period to a depth of 10meters including undisturbed area.

The proponent has stated that the recovery is 20% in the form of commercial blocks and Khandas i.e.,13198cum and out of balance 80%being waste and 50% of which i.e 26396cum will be converted to building stone and remaining 50% will be waste i e 26396cum and the same has been reflected in the quarry plan. As far as waste handling the proponent has stated that he will utilize 0.22Ha as earmarked for waste handling and also utilizing the untackled portion of the lease area and taking up mining in the untackled block after all the waste dumped o it utilized for filling the mined quarry pit.

As per the cluster sketch prepared by DMG there are 4 leases including this lease within the 500 meters radius from this lease and out of which two leases with an area of 20Acres 28 guntas were granted prior to 09.09.2013 based on this the proponent claimed excemption for these two leases from cluster effect. And the area of balance two leases including this lease being 7Acre 4 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.

The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 250meter connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.3.0lakhs to take up rejuvenation of Chikkakodagali kere which is at a distance of 2.6KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.35. Proposed Building Stone Quarry Project at Sy.No.95(P) of Halagera Village, Yadgir Taluk, Yadgir District (1-00 Acre) **by Sri Shankar (SEIAA 851 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Shankar S/o. Sri. Sharanappa Yadgir Taluk & District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Govt. Land bearing Sy. No. 95(Part) of Halagera Village in Yadgir Taluk, Yadgir District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 16°44'21.3"	E 77°12'33.8"
		B	N 16°44'17.1"	E 77°12'34.5"
		C	N 16°44'17.0"	E 77°12'31.2"
		D	N 16°44'18.9"	E 77°12'31.1"
		E	N 16°44'19.6"	E 77°12'32.8"
		F	N 16°44'21.1"	E 77°12'32.5"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		

13	Annual Production Proposed (Metric Tons/ CUM) / Annum		10,004 (Max.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		426 Tons/Annum
16	Project Cost (Rs. In Crores)		0.026
17	Environmental Sensitivity		
	a.	Nearest Forest	Yadgir RF 5.98 Km NE
	b.	Nearest Human Habitation	Halagera -1.5 Km
	c.	Educational Institutes, Hospital	Yadgir-7.5 Km
	d.	Water Bodies	Masakanahalli Kere 1.10 Km N Ramasamudram Kere 4.9 Km NE Unnamed Kere 3.0 Km NE Mailapur Kere 3.9 Km E-NE Raisabad Hosahalli Kere 2.77 Km E-SE Hligeri Kere 3.5 Km SE Jinakeri Kere 4.6 Km S Pogalapur Kere 4.1 Km SW Unnamed Kere 2.3 Km W-SW Warakanahalli Kere 1.4 Km NW Mundragi Kere 4.7 Km N-NW Ashanal Kere 7.5 Km N Bhima River 7.3 Km SW Yadgir Kere 6.6 Km W-NW
	e.	Other Specify	-
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Hectares		
	A	Area of excavation	0-35
	B	Storage for topsoil	-
	C	Mineral storage	0-06
	D	Infrastructure	0-01
	E	Roads	-
	F	Green belt	0-29
	G	Area for future use	0-07
20	Method of Mining/ Quarrying		Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project		NA
22	Water Requirement		

	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.5 KLD
			Domestic	0.66 KLD
			Other	1.5 KLD
			Total	3.66KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

238.36. Proposed Building Stone Quarry Project at Sy.Nos.36/P04, P02 & 36/P20 of Bhudanahalli Village, Kunigal Taluk, Tumkur District (3-20 Acres) **by Smt. B.K. Rekha (SEIAA 852MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. B K Rekha W/o K. Raju Kebbahalli Village, Keragodu Hobli, Mandya Taluk & District, Karnataka
2	Name & Location of the Project	Smt. B K Rekha Building Stone Quarry Area, over an extent of 3-20 Acres, Situated In Sy. No's. 36/P04, P02 & 36/P20, of Bhudanahalli Village, Kasaba Hobli, Kunigal Taluk, Tumkur District, Karnataka.
3	Co-ordinates of the Project Site (WGS 84)	GPS CO-ORDINATES Boundary Points / Lattitude / Longitude A / N12°52'56.3" / E76°59'41.2" B / N12°52'56.2" / E76°59'43.4" C / N12°52'49.3" / E76°59'43.4" D / N12°52'49.4" / E76°59'41.2"

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>Not Applicable</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>1.1416 Ha. (3-20 acres)</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>Not Applicable</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>Not Applicable</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>Not Applicable</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>New Proposal</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>The envisaged proposed maximum Production of 66,044Tonsfor first year and 1,40,026 Tons for next 4 years. (6,26,148 Tons for five years)</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden in cubic meter</td><td>Nil</td></tr>
<tr><td>15</td><td>Mineral Waste Handled (Metric Tons/ CUM)/ Annum</td><td>The proposed to be generations of waste about 2,556 Tons/ Annum</td></tr>
<tr><td>16</td><td>Project Cost (Rs. In Crores)</td><td>0.60 Crore</td></tr>
<tr><td>17</td><td>Land use plan</td><td>
<table>
<tr><th>Sl. No.</th><th>Particulars</th><th>Area in Sq.m</th><th>Area in Ha</th></tr>
<tr><td>1.</td><td>Quarry Area</td><td>9,800</td><td>0.980</td></tr>
<tr><td>2.</td><td>Mineral Storage Yard</td><td>400</td><td>0.040 (temporary)</td></tr>
<tr><td>3.</td><td>Waste dump yard</td><td>200</td><td>0.020 (temporary)</td></tr>
<tr><td>4.</td><td>Quarry Infrastructure</td><td>0</td><td>0</td></tr>
</table>
</td></tr>
</table>

Sl. No	PARTICULARS	INFORMATION			
		5.	Roads	0	0
		6.	Un trenched area	470	0.047
		7.	Buffer Zone	3900	0.390
		Total		14,170	1 - 20
11	Water Demand	5 KLD			
12	Mining method	Open cast and semi mechanised			

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification.

The proponent and Environmental consultant attended the 238th meeting held on 22-01-2020 to provide clarification/ additional information.

The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving Building Stone Quarry in Pattaland. The proponent has stated that she has obtained NOC's from Forest, Revenue Dept., and also obtained land conversion order and notified on 18-09-2018.

As seen from the quarry plan there is a level difference of 11 m within the mining area and taking this into consideration the committee opined that the proposed proved quantity of 143360 cum or 387062 Tons for a lease period can be mined safely and scientifically to a quarry pit depth of 20 meters.

As per the cluster sketch prepared by DMG there is no other leases within 500 m radius, which is less than threshold limit of 5 Ha. The committee decided to appraise this project under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project doesn't fall within the 10 Km radius from national park or wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length of 800 meters which connects all weather black topped road..

As far as CER is concerned the proponent has stated that she has earmarked Rs4.0 Lakhs for rejuvenation of Bhudanahalli tank which is at a distance of 1.3 km and from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environmental clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust Suppression measures have to be strictly followed.
3. The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.37. Proposed Ornamental Grey Granite Quarry Project at S.Nos.406/3, 406/4 & 406/5 of Mudugal Village, Lingasugur Taluk, Raichur District (5-23 Acres) **by Sri Venkanagouda S. Patil (SEIAA 853MIN 2019)**

<table>
<tr><td>Sl. No</td><td>PARTICULARS</td><td colspan="3">INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td colspan="3">Sri. Venkanagouda S. Patil, S/o Siddanagouda,
#29, Bharathi Nagar, Gokul Road,
Hubbali Taluk, Raichur District,
Karnataka - 580030</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td colspan="3">"Ornamental Grey Granite Quarry" of
Sri. Venkanagouda S. Patil
Sy No. 406/3/*, 406/4/* & 406/5/*,
Mudugal village, Lingsugur Taluk
Raichur District, Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>Corner Pillar</td><td>Latitude</td><td>Longitude</td></tr>
<tr><td></td><td></td><td>O</td><td>N 15° 59′ 1.2″</td><td>E 76° 27′ 45.0″</td></tr>
<tr><td></td><td></td><td>A</td><td>N 15° 59′ 05.0″</td><td>E 76° 27′ 47.3″</td></tr>
<tr><td></td><td></td><td>B</td><td>N 15° 59′ 05.9″</td><td>E 76° 27′ 47.8″</td></tr>
<tr><td></td><td></td><td>C</td><td>N 15° 59′08.4″</td><td>E 76° 27′ 47.9″</td></tr>
<tr><td></td><td></td><td>D</td><td>N 15° 59′ 09.9″</td><td>E 76° 27′ 48.4″</td></tr>
</table>

		E	N 15° 59′ 13.3″	E 76° 27′ 46.2″
		F	N 15° 59′ 10.2″	E 76° 27′ 44.4″
		G	N 15° 59′ 07.6″	E 76° 27′ 42.8″
4	Type of Mineral	**Ornamental Grey Granite Quarry**		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.255 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's anOrnamental Grey Granite Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh land		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,000 Cu.m/ Annum of Grey Granite and 11,970 Tonnes of Building Stone		
14	Quantity of Topsoil/Over burden in cubic meter	9,712.45 Cu. M		
15	Mineral Waste Handled (Metric Tons/ CUM)	11,970 Tonnes will be used as Building stone		
16	Project Cost (Rs. In Crores)	1.42crores		
17	Environmental Sensitivity			
	a. Nearest Forest	None within 5 Kms		
	b. Nearest Human Habitation	Mudugal village - 3.04 Kms(NW)		

	c.	Educational Institutes, Hospital	Lingsugur - 18.90 Kms (NE)	
	d.	Water Bodies	Mudgal Pond - 2.85 Kms(NW)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	2-16	
	b.	Waste Dumping Area	1-28	
	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	1-15	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.68KLD
			Domestic	0.54 KLD
			Other	0.82 KLD
			Total	5.04 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 238th meeting held on 22nd January 2020 for appraisal.

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Department, applied for

Land conversion order and approved from District task force and Notification issued from C & I on 21.12.2019.

As seen from the quarry plan there is a level difference of 1 meters and taking this into consideration committee opined that 50% of the proposed proved gross quantity of 283707cum can be mined safely and scientifically within the lease period to a depth of 20meters including undisturbed area.

The proponent has stated that the recovery is 40% in the form of commercial blocks and Khandas i.e., 56741cum and out of balance 60%being waste i.e 85112cum will be converted to building stone the same has been reflected in the quarry plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and out of which 15 leases with an area of 44 Acres 37 guntas were granted prior to 09.09.2013 based on this the proponent claimed exemption for these two leases from cluster effect. And the area of balance 3 leases including this lease being 12Acre 1 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.

The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 210meter connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.10 lakhs to take up rejuvenation of Mudugal kere which is at a distance of 2.6KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.38. Building Stone Quarry Project at Sy.No.26(P) of H.Thimmapura Village, Tarikere Taluk, Chikkamagaluru District (1-20 Acres) **by Sri V. Chandil (SEIAA 854 MIN 2019)**

The proponent was invited for the 238th meeting held on 22-01-2020 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.

By permission of Chair:

238.39. Building Stone (M-Sand) Quarry in 6-16 Acres of Patta Land bearing Sy. No. 61/6, Ambewadi Village, Belagavi Taluk & Belagavi District, Karnataka by **Sri. Kuber Basavanneppa Benakatti (SEIAA 40 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. Kuber Basavanneppa Benakatti** Plot No: 790, Sector: 05, Srinagar, Belagavi.		
2	Name & Location of the Project	Building Stone (M-Sand) Quarry in 6-16 Acres of Patta Land bearing Sy. No. 61/6, Ambewadi Village, Belagavi Taluk & Belagavi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 15° 54' 37.6"	E 74° 27' 32.4"
		B	N 15° 54' 39.3"	E 74° 27' 31.8"
		C	N 15° 54' 41.2"	E 74° 27' 46.8"
		D	N 15° 54' 39.5"	E 74° 27' 47.9"
4	Type of Mineral	Building Stone (M-Sand)		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	6-16 acres		

9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		NA
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		3,20,113 (Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter/Tons		54,000 Tons
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		6,533 Tons/Annum
16	Project Cost (Rs. In Crores)		0.040
17	Environmental Sensitivity		
	a.	Nearest Forest	Mahipalagada RF 5.41Km Reserve Forest (Kaugle) 5.8Km N-NW Reserve Forest (Manikere) 6.5Km N-NE Reserve Forest (Bankal) 8.7Km E
	b.	Nearest Human Habitation	Ambewadi Village 2.3 Km
	c.	Educational Institutes, Hospital	Belagavi which is Taluk head quarter-6 Km
	d.	Water Bodies	Markandeya River 2.6Km SE Kangrali Kere 5.95 Km E-SE Yamanapur Kere 6.9Km E-NE Kote Kere 8.0Km E-SE
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres-Guntas		
	a.	Proposed working	4-06
	b.	Proposed shelter	0-05
	c.	Proposed stack yard	0-05
	d.	Proposed Dump yard	0-05
	e.	Proposed road	0-05

	f.	Proposed Buffer zone	1-30	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.55 KLD
			Domestic	0.45 KLD
			Plantation	3.50 KLD
			Total	8.50 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 10-01-2020 for 20 years.

As seen from the quarry plan there is a level difference of 16 meters within the mining area and taking this into consideration, the committee opined that 65% of the proposed proved quantity of 1633230tons or 621000cum can be mined safely and scientifically to a quarry pit depth of 25meters for lease period.

As per the combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease and total area of these leases is 7Acres 33guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 500meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 20.0 lakhs to take up rejuvenation of Agasge kere which is at a distance of 2.4KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.40. Proposed Establishment of Sugarcane Crushing plant Project at Holkund Vllage, Kamalapura Taluk & Kalaburagi District by **M/s. KING RUDRA SUGARS LTD. (SEIAA 01 IND 2020)**

Sl. No	Particulars		Information
1.	Name and Address of the project proponent		King Rudra Sugars Limited, Holkunda, Tehsil and District Kalaburagi (Gulbarga), Karnataka State-585313
2.	Name & Location of the project		Establishment of sugarcane crushing plant with installed capacity of 1500 TCD (operating capacity 1290 TCD) to produce 55 KLPD ethanol based on Sugarcane juice/syrup at Holkunda, Tehsil and District Kalaburagi (Gulbarga), Karnataka State by King Rudra Sugars Limited
3.	Co-ordinates of the project site		Latitude: 17°30'39.37"N Longitude: 76°58'6.79"E
4.	Environment Sensitivity		
	a.	Distance from nearest lake/river/nala	Bennethora reservoir: 4 Km in South direction
	b.	Distance from protected area notified under wildlife protection act	None within 10 Km radius of the factory site
	c.	Distance from interstate boundary	None within 10 Km radius of the factory site
	d.	Weather located in critically/ severally polluted area as per the CPCB Norms	No
5.	Type of development as per schedule of EIA Notification,		5(g) – Distilleries

<table>
<tr><th>Sl. No</th><th>Particulars</th><th>Information</th></tr>
<tr><td></td><td>2006 with relevant Serial Number</td><td></td></tr>
<tr><td>6.</td><td>New/Expansion./Modification/ Product mix change</td><td>New</td></tr>
<tr><td>7.</td><td>Plot Area (sq.m.)</td><td>177599</td></tr>
<tr><td>8.</td><td>Built up area (sq.m.)</td><td>52500</td></tr>
<tr><td>9.</td><td>Components of development</td><td>Cane Mill
Syrup Plant, Distillery Boiler and Power House
Bagasse Yard
Water Reservoir
Parking
Internal Roads
Greenbelt
ETP/STP</td></tr>
<tr><td>10.</td><td>Project cost (Rs. In Crores)</td><td>99.87</td></tr>
<tr><td>11.</td><td>Details of Land use (sq.m.)</td><td>
<table>
<tr><th>Description</th><th>Area in Sq. m</th></tr>
<tr><td>Cane mill</td><td>7500</td></tr>
<tr><td>Syrup Plant, Distillery Boiler and Power House</td><td>45000</td></tr>
<tr><td>Bagasse Yard</td><td>2500</td></tr>
<tr><td>Water Reservoir</td><td>500</td></tr>
<tr><td>Parking</td><td>18000</td></tr>
<tr><td>Internal Roads</td><td>10000</td></tr>
<tr><td>Greenbelt</td><td>58610</td></tr>
<tr><td>ETP/STP</td><td>7500</td></tr>
<tr><td>Vacant Land</td><td>27989</td></tr>
<tr><td>Total</td><td>177599</td></tr>
</table>
</td></tr>
<tr><td>12.</td><td>Products and by-products with quantity (enclose as annexure if necessary)</td><td>The main product will be Ethanol at 55 KLPD. The details of other by products and value added products are included in Annexure-I</td></tr>
<tr><td>13.</td><td>Raw material with quantity and their source</td><td>The main raw material required is Sugarcane, which shall be sourced from the farmers.
The details of other raw material requirements are given in Annexure-II</td></tr>
<tr><td>14.</td><td>Mode of transportation of raw material and storage facility</td><td>The raw materials will be transported by road and the storage facilities shall be provided as per the PESO Guidelines.</td></tr>
<tr><td>15.</td><td>Transportation and storage facility of coal/bio-fuel in case of</td><td>NA</td></tr>
</table>

<table>
<tr><th>Sl. No</th><th colspan="2">Particulars</th><th>Information</th></tr>
<tr><td></td><td colspan="2">thermal power plant</td><td></td></tr>
<tr><td>16.</td><td colspan="2">Fly ash production, storage and disposal details whereas coal is used as fuel</td><td>Bagasse and Biogas shall be used as fuel. The fly ash produced will be 4.125 MT/Day which shall be disposed in composting or sold to brick manufacturers</td></tr>
<tr><td>17.</td><td colspan="2">Complete process flow diagram and technology employed</td><td>Process description is given in Annexure-I</td></tr>
<tr><td>18.</td><td colspan="2">Details of plant and machinery with capacity/ technology used</td><td><table>
<tr><th>Sr. No.</th><th>Instruments/Sections</th></tr>
<tr><td>1.</td><td>Cane Milling Tandem</td></tr>
<tr><td>2.</td><td>Juice Clarification System</td></tr>
<tr><td>3.</td><td>Fermentation Section</td></tr>
<tr><td>4.</td><td>Distillation Section</td></tr>
<tr><td>5.</td><td>Steam Condensers</td></tr>
<tr><td>6.</td><td>Air Compressors</td></tr>
<tr><td>7.</td><td>Storage section</td></tr>
<tr><td>8.</td><td>Multiple effect evaporation section</td></tr>
<tr><td>9.</td><td>Raw water treatment plant</td></tr>
<tr><td>10.</td><td>Fire Protection Equipment</td></tr>
<tr><td>11.</td><td>Laboratory instrument</td></tr>
<tr><td>12.</td><td>Condensate polishing unit</td></tr>
<tr><td>13.</td><td>Turbo Generator Set</td></tr>
<tr><td>14.</td><td>D.G. Sets</td></tr>
</table></td></tr>
<tr><td>19.</td><td colspan="2">Details of VOC emissions and control measures wherever applicable</td><td>No VOC emissions shall be there.
Wet scrubber shall be provided as APC Equipment</td></tr>
<tr><td>20.</td><td colspan="2">Water</td><td></td></tr>
<tr><td></td><td>I</td><td>Construction Phase</td><td></td></tr>
<tr><td></td><td>a.</td><td>Source of water</td><td>Dugwell</td></tr>
<tr><td></td><td>b.</td><td>Quantity of water for construction in KLD</td><td>100</td></tr>
<tr><td></td><td>c.</td><td>Quantity of water for Domestic purpose in KLD</td><td>20</td></tr>
<tr><td></td><td>d.</td><td>Waste water generation in KLD</td><td>15</td></tr>
<tr><td></td><td>e.</td><td>Treatment facility proposed and scheme of disposal of treated water</td><td>Treated in STP and Disposed on land for Greenbelt development/gardening</td></tr>
<tr><td></td><td>II</td><td>Operation Phase</td><td>400</td></tr>
<tr><td></td><td>a.</td><td>Source of water</td><td>Dugwell of the industry</td></tr>
<tr><td></td><td>b.</td><td>Total requirement of</td><td>Fresh 400</td></tr>
</table>

Sl. No	Particulars		Information	
		water in KLD	**Recycled**	--
			Total	400
	c.	Requirement of water for industrial purpose/ production in KLD	**Fresh**	360
			Recycled	--
			Total	360
	d.	Requirement of water for domestic purpose in KLD	**Fresh**	60
			Recycled	--
			Total	60
	e.	Waste water generation in KLD	**Industrial effluent**	380- Spentwash 60-Spentlees
			Domestic Sewage	50
			Total	490
	f.	ETP/STP capacity	ETP: 500 KLD STP: 60 KLD	
	g.	Technology employed for treatment	Spentwash shall be treated by Bio-methanation followed by concentration in MEE followed by composting/ fertigation The digested spentwash with 5% solids is concentrated to 25% solids and concentrated spentwash shall be disposed off in composting/ fertigation. (380 KLD of digested spentwash shall be concentrated to 80 KLD, MEE Condensates of 300 KLD shall be recycled back into the process after the treatment in CPU) Spentlees Shall be treated in Condensate Polishing Unit along with MEE Condensates from distillery of 300 KLD and Sugar juice condensates. The treated water from the CPU is used as recycle streams within the distillery such as in the fermentation process, floor washing and CIP, cooling tower makeup water, Boiler ash quenching etc. The reject from the CPU is sent to the bio composting section. Surplus treated water is then sent for irrigation purpose	
	h.	Scheme of disposal of excess treated water if any	NA	
21.	Infrastructure for rainwater harvesting		Rainwater harvesting shall be implemented. The harvested water shall be recharged into the	

Sl. No	Particulars		Information	
			groundwater to increase the Ground water table. The detailed design and configuration of the rainwater harvesting infrastructure shall be included in EIA/EMP Report	
22.	Storm water management plan		Storm water management shall be adopted in such a way that no trade effluent shall be mixed with storm water. The detailed design and configuration of the storm water management system shall be included in EIA/EMP Report	
23.	Air Pollution			
	a.	Sources of air pollution	25 TPH Conventional Boiler, process emissions, and fugitive emissions due to transportation of vehicles	
	b.	Composition of Emissions	PM_{10}, $PM_{2.5}$, SO_2, NOx	
	c.	Air pollution control measures proposed and technology employed	The Stack emissions shall be controlled by providing wet scrubber as APC equipment. Periodic maintenance shall be carried out to ensure the performance of the APC equipment. CO_2 emissions in Fermentation Section, which will be recovered in CO_2 scrubber to get the value added product Fugitive emissions shall be controlled by sprinkling of water on the rods, Paved roads shall be provided. Adequate green belt of min. 33% of the total plot areas shall be provided.	
24.	Noise Pollution			
	a.	Sources of Noise Pollution	Turbines, Steam exhausts and compressors	
	b.	Expected levels of noise pollution in dB	80 to 95 dB	
	c.	Noise pollution control measures proposed	Noise levels shall be controlled by providing acoustic measures and silencer pads and enclosures etc.	
25.	Waste Management			
:	I.	Operational Phase		
	a.	Quantity of solid waste generated per day and their disposal	Biodegradable	Fermenter sludge: 05 MT/Day: Used as manure
			Non-Biodegradable	Fly ash from boiler- 4.125 MT/D- Sold to brick

Sl. No	Particulars		Information	
				manufacturers/ composting
	b.	Quantity of Hazardous waste generation with source and mode of disposal as per norms	Used Spent oil: 0.15 MT/Month- Sold to authorized recyclers	
	c.	Quantity of E waste generation with source and mode of disposal as per norms	2 batteries per year: Sold to authorized recyclers	
	Risk assessment and disaster management plan		Shall be included in EIA/EMP Report	
27.	Power			
	a.	Total Power requirement in the operational phase with source	2.0 MW, Source: 2.5 MW TG Set connected to 25 TPH Boiler	
	b.	Numbers of DG Set and capacity I KVA for standby power supply	1* 500 KVA	
	c.	Details of fuel used with purpose such as boilers, DG Furnace, TFH, Incinerator set etc.	Boilers: bagasse DG Set: HSD	
	d.	Energy conversation plan and percentage of savings including plan for utilization of solar energy as per ECBC 2007	Shall be included in EIA/EMP Report	
28.	Parking			
	a.	Parking Requirement as per norms	18000 sq. m.	
	b.	Internal road width (RoW)	Minimum road width of 6 meters and 9 meters turning radius shall be provided. The details of which are included in Layout Map .	
29.	Any other information specific to the project (Specify)		--	

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the

proposal considering the information provided in the statutory application – Form 1, Pre-feasibility reportn and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies in accordance with EIA Notification 2006. The committee also prescribed the following additional TORs.

1) Details of kharab land and its position in the project site may be detailed and submitted.
2) Land use pattern details may be worked out and submitted.
3) Details of the facilities proposed for drivers and supporting staff who bring sugar canes to the site may be detailed and submitted.
4) The details of green belt development with local,broad leaved plants all round the project and also within the project to an extent of 33% of the project area may be detailed and submitted.

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

238.41. The Note from SEIAA bearing No. SEIAA 1 Misc 2020 Dt.20.01.2020 Complaint from **ORR Sarjapura Rising**-reg

The note from SEIAA regarding the complaint from ORR Sarjapura rising is circulated to all members during the 238th SEAC meeting held on 22.01.2020, the committee after discussion and deliberation decided to submit the replies to the authority.

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

238.42. Proposed Building Stone Quarry Project at Sy.No.25 of Bennahalli Village, Ramanagara Taluk, Ramanagara District over an area of 6-10 Acres **By Smt. Pankaja Neelakanta(SEIAA 439 MIN 2019)**

The proposal was placed before the committee for appraisal.

The proponent was invited for the 227th meeting held on 25-7-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

The Proponent and Environment consultant attended the meeting held on 14-11-2019 for Appraisal.

As per the records it is noticed that the lease area is being close to Ramadevarabetta Vulture sanctuary, and Bannerghatta National park the NOC from the competent authorities is required to proceed further with the appraisal. For which the proponent has stated that he will come back with necessary NOC. Hence the committee decided to defer.

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Smt. Pankaja Neelakanta,
No.71/01, Pantara Palya,
Near Old Check post,
Mysore Road, Bangalore-560039</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building StoneQuarry"
Sy No. 25,
Bennahalli village, Ramanagara Taluk,
Ramanagara District, Karnataka..</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>P No</th><th>Lattitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N12° 42′ 58.4″</td><td>E77° 22′ 24.4″</td></tr>
<tr><td>B</td><td>N12° 42′ 59.2</td><td>E77° 22′ 28.7″</td></tr>
<tr><td>C</td><td>N12° 42′ 54.3″</td><td>E77° 22′ 29.3″</td></tr>
<tr><td>D</td><td>N12° 42′ 54.0</td><td>E77° 22′ 27.9″</td></tr>
<tr><td>E</td><td>N12° 42′ 53.9″</td><td>E77° 22′ 28.3″</td></tr>
<tr><td>F</td><td>N12° 42′ 51.3″</td><td>E77° 22′ 24.9″</td></tr>
<tr><td>G</td><td>N12° 42′ 51.0″</td><td>E77° 22′ 24.9″</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL-1244)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		2.529Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		It's a Building Stone quarry
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		Not Applicable For Government land
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		7,00,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter		No top soil.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		14,286 TPA
16	Project Cost (Rs. In Crores)		9.79 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 10kms
	b.	Nearest Human Habitation	Manchegowdanapalya village - 1.1 kms (SE)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Ramanagara-9.50 Kms (W)
	d.	Water Bodies	Vrishabhavathi Reserviour-6.7km(NE) Bennahalli Pond-4.85Km(NE) Chowkahalli Pond-4.85Kms(NE)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	4-26
	b.	Waste Dumping Area	0-02
	c.	Top Soil Storage Area	0-06
	d.	Mineral Storage Area	

	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Buffer Zone	1-14	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	11.86KLD
			Domestic	0.81 KLD
			Other	1.5 KLD
			Total	14.17KLD
23	Storm water management plan		• Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season	

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

In this connection a petition has been received from one Sri Ramesh. R stated to be local quarry owner and also law abiding and environmentalist of Ramnagar Tq in which he has mainly pointed out that the quarrying being done without any valid EC and huge quantities are being extracted using lot of explosives inconveniencing the neighbours and also he has mentioned that he has subleased the quarry to one Sri Naveen the road contractor and he has alleged that DMG authorities are keeping silent in this matter.

As far as issues concerned with SEAC it is reiterated that the EC for the same has been issued on 30.01.2016 and as far as other issues raised in the letter mainly pertains to DMG authorities.

During appraisal of this proposal in 234th SEAC meeting the subject was deferred for want of NOC from forest Dept. now the proponent has come back with the forest NOC

issued by PCCF wildlife stating that the quarry lease is 7.1KM from the Notified ESZ boundary of Ramadevarabetta vulture sanctuary.

Further the committee noted that the lease area as been got reduced from 7acres for which earlier EC was issued to 6Acres 10guntas for this expansion proposal as per the order Dt. 06.05.2019 issued by DMG and also Modified quarry plan has been approved for this reduced area on 28.05.2019.

This is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease deed has been executed on 04.01.2006 for 20years and he has not carried out mining till 2018-19 but however the audit report covers only up to 2017-18 for this the proponent has stated that the production during 2018-19 and due certificate in this regard will be obtained and submitted and mining activity has been carried out from Aug 2019 and the quantity mined is within the permissible limit of 37050tons as per earlier EC and he has also stated that he will start filing six monthly EC compliance report from Feb 2020 and hence he requested not to insist for certified EC compliance report for this expansion proposal. Also the proponent has stated that the material mined from this lease will be supplied to Bangalore –Mysore NH 275 six lane road work.

As seen from the quarry plan there is a level difference of 40meters within the mining area and taking this into consideration, and also the fact that he has already mined 17000tons the committee opined that the proposed proved quantity of 1400000tons or 526350cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the the lease was granted for the same prior to 09.09.2013.Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 270meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.25.0lakh to take up rejuvenation of Manchegowdanapalya kere which is at a distance of 0.98KM from the project site.

In view of the inconsistencies about the period in which the mining activity as been carried out and co ordinates of the lease area the committee decided to reconsider the project.

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

238.43. Proposed Building Stone Quarry Project at Sy.No.185 of Makarahalli Village, Malur Taluk, Kolar District (4-00 Acres) **by Smt. Renuka (SEIAA 819 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Smt. Renuka** C/o R Srinivasa Murthy Venkateshwara Nilaya 2nd Main Road, Kurubarapete Kolar, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 4-00 Acres of Govt. Gomala Land bearing Sy. 185, Makarahalli Village, Malur Taluk & Kolar District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°58'34.15"	E 78°05'47.59"
		B	N 12°58'37.89"	E 78°05'50.10"
		C	N 12°58'40.20"	E 78°05'47.28"
		D	N 12°58'36.30"	E 78°05'44.54"
		E	N 12°58'35.24"	E 78°05'45.78"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	4-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river	NA		

	sand mining as specified in the sustainable sand mining guideline 2016		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,40,468 (Max.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		2,840 Tons/Annum
16	Project Cost (Rs. In Crores)		0.030
17	Environmental Sensitivity		
	a.	Nearest Forest	Mitaganahalli Forest Area 150m Tyakal SF-1.44 Km N Nutve SF-5.68 Km S Vakkaleri SF-7.25 Km NNW
	b.	Nearest Human Habitation	Makarahalli-1.20Km
	c.	Educational Institutes, Hospital	Malur-17.5 Km
	d.	Water Bodies	Mitaganahalli Kere-1.03 Km NE Kutturu Kere-1.7 Km E-SE Kavalgiriyanahallai Kere-2.02 Km W-NW Nelahalli Kere-2.16 Km SE Haleballahalli Kere-3.85 Km W-SW Dasarahalli Kere-3.97 Km W-NW Tagadagoudanahalli Kere-4.8 Km NW Guttahalli Kere-5.75 Km E-NE Kondanhalli Kere-6.3 Km S-SE Madamangala Kere-6.93 Km NE Markanda Kere-7.11 Km S-SW Anepur Kere-7.88 Km NW Bangarpet Kere-8.73 Km E
	e.	Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres		
	a.	Proposed workings	3-08

	b.	Waste Dumps	0-05	
	c.	Road	0-02	
	d.	Mineral Storage	0-05	
	e.	Infrastructure	0-01	
	f.	Buffer zone	0-19	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.05 KLD
			Domestic	0.450 KLD
			Plantation	2.5 KLD
			Total	7.5 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent was invited for the 237th meeting held on 2nd January 2020 for appraisal.

The proponent and Environment consultant attended the 237th meeting held on 02-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

As seen from the records the mining plan enclosed in the file is of the area of 3Acres instead of 4Acre for which the proponent has stated that he will come back with clarification. Hence the committee decided to defer the project.

Now in continuation of the above the proponent and consultant attended the 238th meeting held on 22.01.2020 correcting the discrepencies in the mining area.

As per the combined sketch there are 6 leases including this lease within 500 meter radius from this lease and the total area of these leases is 21Acres 10guntas and out of which 4 leases with a total area of 14-10 acres were granted prior to 9-9-2013. And based on this the proponent has claimed exemption from cluster effect for these leases. The balance two leases including this lease are of total 7Acres which being less than the threshold limit of 5Ha committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

The committee noted that this is a fresh lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 27-10-2016 for 20 years. Further the proponent has produced topo sheet wherein boundaries of the Kamasandra wildlife sanctuary has been marked and according to it the distance from the lease area nearest boundary is 10.15KM and the proponent agreed to submit the distance certificate issued by forest Dept to this effect.

As seen from the quarry plan there is a level difference of 36meters within the mining area and taking this into consideration, the committee opined that 70% of the proposed proved quantity of 1524348tons or 579600cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 750meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 21.00lakhs to take up rejuvenation of Mitaganahalli pond which is at a distance of 1.03KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with condition that if the project located within 10 KM from the project site, the proponent to submit the map duly authenticated by Chief Wildlife Warden showing these features viz-avis the project location and the recommendations or comments of the Chief Wild life Warden thereon as to the SEIAA

The committee also imposed the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Only registered labours should be employed.
3. The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.44. Proposed Building Stone Quarry Project at Sy.Nos.53/2 of Khanapet Village, Ramadurga Tq, Belagavi District (5-00 Acres) by **Sri Basavaraj B Hireraddi (SEIAA 858MIN 2019)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri Basavaraj B Hireraddi
Yanampeth
Ramadurga
Belagavi

Mobile-9448692883</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Khanapet Village
RamadurgaTaluk
Belagavi District
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table>
<tr><td>A</td><td>N 15° 56' 22.7"</td><td>E75° 11' 50.6"</td></tr>
<tr><td>B</td><td>N 15° 56' 21.8"</td><td>E75° 11' 47.0"</td></tr>
<tr><td>C</td><td>N 15° 56' 28.5"</td><td>E75° 11' 46.5"</td></tr>
<tr><td>D</td><td>N 15° 56' 28.0"</td><td>E75 °11' 50.3"</td></tr>
</table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone(M-Sand).</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New.</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Private Land.</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>2.02 Ha Sy No:53/2</td></tr>
<tr><td>9</td><td>Actual Depth of building stone in the lease area /Patta Land</td><td>Depth of building stone in Private land -30mt(from top level).</td></tr>
</table>

150

	building stone			
10	Depth of building stone proposed to be removed		Depth of building stone proposed-15mt (from surface level)	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		Max-1,24,834 TPA and Min-11068 TPA	
12	Quantity of Topsoil/Over burden in cubic meter		Waste-Max-6570 TPA and Min 583 TPA	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil	
14	Project Cost (Rs. In Crores)		50 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	Nil with in 10km.	
	b.	Nearest Human Habitation	Khanapet-0.80 km	
	c.	Educational Institutes, Hospital	Ramadurga-12.5km	
	d.	Water Bodies	Malprabha River-3.0km	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	3-37	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0-01	
	g.	Green Belt Area	--	
	h.	Others Specify Safety Zone	1-02	
		Total	5.0 Acre (2.02)	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Own Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	7.0
			Domestic	1.5
			Other	1.5
			Total	10.0
20	Storm water management plan		--	

The proponent and Environment consultant attended the 238th meeting held on 21-01-2020 to provide clarification/additional information. The committee appraised the

proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion order. The lease has been notified on 11-12-2019 for 20 years.

As seen from the quarry plan there is a level difference of 6 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 862187tons or 324130cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and and the area of this being being less than the threshold limit of 5Ha committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 400meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs 16.0 lakhs to take up rejuvenation of Khanapete pond which is at a distance of 2.0KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

4 Safe drinking water has to be provided at the quarry site.
5 Only registered labours should be employed.
6 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

238.45. Proposed Ordinary River Sand Block No. Gurupura – 2(Kulavuru), Gurupura River Bed, Kulavuru village, Mangaluru Taluk, Dakshina Kannada District By sri **Sri. Praveen Alva (SEIAA 857 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. Praveen Alva** S/o. Jarappa Alva 3-220/1, Gundya House Kulavuru, Mangaluru - 574144		
2	Name & Location of the Project	Ordinary River Sand Block No. Gurupura – 2(Kulavuru), Gurupura River Bed, Kulavuru village, Mangaluru Taluk, Dakshina Kannada District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°57'21.45"	E 75°00'07.31"
		B	N 12°57'18.82"	E 75°00'13.28"
		C	N 12°57'17.76"	E 75°00'19.10"
		D	N 12°57'17.99"	E 75°00'23.15"
		E	N 12°57'16.71"	E 75°00'23.18"
		F	N 12°57'16.43"	E 75°00'19.06"
		G	N 12°57'17.42"	E 75°00'12.97"
		H	N 12°57'20.31"	E 75°00'06.73"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	5.189 Acres (2.05 Ha)		
9	Actual Depth of sand in the lease area in case of River sand	4.0 m		
10	Depth of Sand proposed to be removed in case of River sand	1.0 m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	33,926 Tons/Annum		

14	Quantity of Topsoil/Over burden in cubic meter		None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		343 Tons/Annum	
16	Project Cost (Rs. In Crores)		0.30	
17	Environmental Sensitivity			
	a.	Nearest Forest	Karpe RF 1.9 Km NE Kukkipadi RF 5.0 Km NE Hosabettu RF 7.2 Km NE Todar RF 7.0 N Mudanadugodu RF 8.8 Km SE Kadabettu RF 9.7 Km SE Budoli RF 7.2 Km SE Panjakalrai RF 5.4 Km E Pilimogaru RF 5.4 Km E Channaltodi RF 6.2 Km E	
	b.	Nearest Human Habitation	Kulavuru village	
	c.	Educational Institutes, Hospital	Mangaluru-17.00 Km	
	d.	Water Bodies	The project lies on Gurupura River	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.10 Ha.	
	b.	Waste Dumping Area	-	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	-	
	f.	Road Area	-	
	g.	Green Belt Area	-	
	h.	Unexplored area	-	
	i.	Others Specify	-	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.00 KLD
			Domestic	0.0 KLD

			Other	0.50 KLD
			Total	3.50KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent and Environment consultant attended the 238th meeting held on 22-01-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application - Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving sand mining in Gurupura River bed. The proponent has got this lease through public auction. As per the quarry plan the average width of the river at the lease area is 107.66 meter and the buffer width of 15.5meter has been left on right side and 50.16 meter on the left side of the river. The proponent has stated that the average dry weather flow in the lease area is 12.7 meter MSL and top level of the sand block is 14.0meter MSL and the depth of the mining proposed being 1.0 meter and bottom of the mining pit will be 0.3 meter above the dry weather flow level. The proponent has stated that he will take up mining for a depth of 1.0 meter every year and mining will be done in the subsequent years only after the full replenishment of the mining pit.

As per the quarry plan the proposed quantity of 171345 tons can be mined safely and scientifically.

As per the cluster sketch prepared by DMG there no other leases within the 500 meter radius from this lease area and area being less than the threshold limit of 5 Ha. the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

The proponent has stated that he has proposed a stock yard at a distance of 150 meter from the lease area on a private land for which an MOU has been entered with the land owner.

As far as approach road is concerned there is an existing cart track road connecting stock yard at a distance of 150meters and proceeding further to connect all weather road i.e.,Yedapadavu village road at a overall distance of 750 meters.

As far as CER is concerned the proponent has stated that he has earmarked Rs.4.00 lakhs to take up strengthening of river bank by bio mechanical methods.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1 Safe drinking water has to be provided at the quarry site.
2 Only registered labours should be employed.
3 The proponent to obtain safety certificate from the DGMS before starting mining activity.

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

Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka