



State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

Proceedings of the 209th SEIAA Meeting held on 31st December 2021 at 03:30 PM at Room No. 709, 7th Floor, Gate IV, M.S Building, Bangalore-560001.

Members present: -

- | | |
|-----------------------------------|-------------------------|
| 1. Dr. K. R. Sree Harsha - | Chairman, SEIAA |
| 2. Shri. K. N. Shivalinge Gowda - | Member, SEIAA |
| 3. Shri. Vijay Mohan Raj V, IFS - | Member Secretary, SEIAA |

The Chairman welcomed the members and initiated the discussion. The subjects discussed and the decisions made on each of the agenda points are as follows:

209.1. Fresh Projects (Recommended for EC):

Mining Projects:

- 209.1.1. Ordinary Sand Mining Project - Block No.01 - Tungabhadra River Bed at Adjacent to Sy.Nos.60 & 66 of Galaganath Village, Haveri Taluk, Haveri District (9-00 Acres) (3.64 Ha) by M/s. The Hutti Gold Mines Co. Ltd. - Online Proposal No. SIA/KA/MIN/222109/2021 (SEIAA 340 MIN 2021)**

M/s. Hutti Gold Mines Co. Ltd., have applied for Environmental clearance from SEIAA for quarrying of Ordinary Sand Mining Project - Block No.01 - Tungabhadra River Bed at Adjacent to Sy.Nos.60 & 66 of Galaganath Village, Haveri Taluk, Haveri District (9-00 Acres) (3.64 Ha)

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	I/c Manager (Exploration), M/s. Hutti Gold Mines Co. Ltd.,Hutti, Raichur- 584115
2	Name & Location of the Project	"Galaganatha Sand Block (Block No.01)" in the Tungabhadra River bed, Adjacent to Sy. No - 60 & 66 over an extent of 9.00 Acres (3.642 Ha) of the Galaganath Village, Haveri Taluk,Haveri District, Karnataka.
3	Type of Mineral	River Sand Quarry

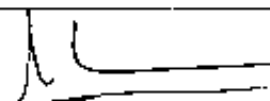

4	New / expansion/ modification /renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	3.642 Ha
7	Annual production (metric ton /Cum) per annum	37,587 tonnes per annum for 5 years of plan period
8	Project Cost (Rs. In Crores)	1.41 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,87,937 tons
10	permitted quantity per annum- Cu.m/Ton	37,587 tonnes per annum for 5 years of plan period
11	CER Action plan:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Enhancing ground water through construction of check dams
	2 nd	Rain water harvesting pits to GHPS at Galaganath Village
	3 rd	Solar Power Panels in Government higher primary school at Galaganath village
	4 th	Developing infrastructure for local health center
	5 th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 13.85 Lakhs (Capital Cost) & Rs. 8.45 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 19.08.2020 and approved by district sand monitoring committee on 13.08.2020.

There is an existing cart track road to a length of 1.76KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are no other leases within 500 meter radius from this lease area. The total area of the proposed lease is 9-00 Acres

and hence the project is categorized as B2. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020.

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

The committee suggested 1) Strengthening of bunds 50meters on either side of the river bank 2) to use only 6 wheeler tippers for collection from mine head to stockyard and 3) to provide ramp for movement of excavator and tippers and 4) to use the single entry and exit point for tippers and excavators.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 37,587 tonnes per annum for 5 years, after due replenishment every year.

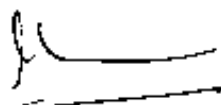
The Authority perused the proposal and took note of the recommendation of SEAC. The Authority observed the quarry plan and it is observed that depth of the geological reserve is 3.00 meter.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*

Additional Conditions:

1. *Dust suppression measures have to be strictly followed.*
2. *In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.*
3. *The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass, Imperata and suitable plant species.*
4. *The PP shall utilize the permission as per the Sand policy of the GoK Notification No. CI 343 MMN 2019 (Part 7) dated 01.12.2021.*



5. The PP shall obtain annual replenishment study from the competent Authority. If the replenishment rate is less, the PP shall make commensurate reduction/recess till replenishment.

209.1.2. Sand Mining Project - Kagina River Bed - Opposite to Sy.No.20 & 95 of Beeranahalli & Arebommanahalli Village, Sedam Taluk, Kalburgi District (8-00 Acres) (3.24 Ha) by M/s. The Hutti Gold Mines Co. Ltd. - Online Proposal No. SIA/KA/MIN/222219/2021 (SEIAA 347 MIN 2021)

M/s. Hutti Gold Mines Co. Ltd., have applied for Environmental clearance from SEIAA for quarrying of Sand Mining Project - Kagina River Bed - Opposite to Sy.No.20 & 95 of Beeranahalli & Arebommanahalli Village, Sedam Taluk, Kalburgi District (8-00 Acres).

Details of the project are as follows:

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	I/c Manager (Exploration) M/s. Hutti Gold Mines Co. Ltd., Hutti, Raichur, Karnataka - 584115
2	Name & Location of the Project	"Beeranahalli & Arebommanahalli Sand Block" in the Kagina River bed, Opposite to Sy. No - 20 & 95 over an extent of 8.00 Acres (3.24 Ha) of the Beeranahalli & Arebommanahalli Village, Sedam Taluk, Kalburgi District,
3	Type of Mineral	River Sand Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	3.24 Ha
7	Annual production (metric ton /Cum) per annum	37,100 tonnes per annum for 5 years of plan period
8	Project Cost (Rs. In Crores)	1.51 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	1,67,054 tons
10	permitted quantity per annum-Cu.m/Ton	37,100 tonnes per annum for 5 years of plan period
11	CER Action plan:	

	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to GLPS School at Arebommanahalli Village & Beeranaballi Village
	2 nd	Enhancing ground water through construction of check dams
	3 rd	Rain water harvesting pits to GLPS School in Arebommanahalli Village & Beeranaballi Village
	4 th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 th	Health camp in GLPS School at Arebommanahalli Village & Beeranaballi Village
12	EMP Budget	Rs. 16.79 Lakhs (Capital Cost) & Rs. 9.45 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

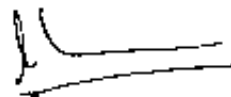
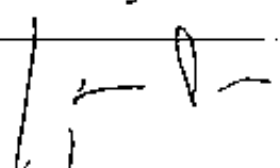
The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 05.08.2020 and approved by district sand monitoring committee on 31.07.2020.

There is an existing cart track road to a length of 2.13KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are no other leases within 500 meter radius from this lease area. The total area of the proposed lease is 8-00 Acres and hence the project is categorized as B2. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020.

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

The committee suggested 1) Strengthening of bunds 50meters on either side of the river bank 2) to use only 6 wheeler tippers for collection from mine head to stockyard and 3) to provide ramp for movement of excavator and tippers and 4) to use the single entry and exit point for tippers and excavators.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 37,100 tonnes per annum for 5 years, after due replenishment every year.

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority observed the quarry plan and it is observed that depth of the geological reserve is 3.00 meter.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

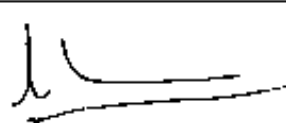
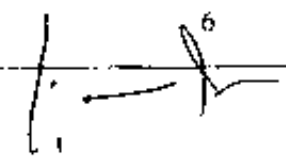
1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*

Additional Conditions:

1. *Dust suppression measures have to be strictly followed.*
2. *In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.*
3. *The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass, Imperata and suitable plant species.*
4. *The PP shall utilize the permission as per the Sand policy of the GoK Notification No. CI 343 MMN 2019 (Part 7) dated 01.12.2021.*
5. *The PP shall obtain annual replenishment study from the competent Authority. If the replenishment rate is less, the PP shall make commensurate reduction/recess till replenishment.*

209.1.3. Sand Mining Project - Kagina River Bed - Sangavi (T) Village, Sedam Taluk, Kalburgi District (6-00 Acres) by M/s. The Hutti Gold Mines Co. Ltd. - Online Proposal No. SIA/KA/MIN/222139/2021 (SEIAA 346 MIN 2021)

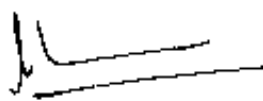
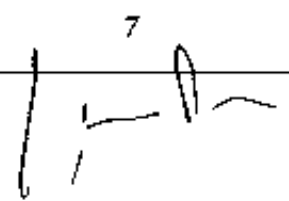
M/s Hutti Gold Mines Co. Ltd., have applied for Environmental clearance from SEIAA for quarrying of Sand Mining Project - Kagina River Bed - Sangavi (T) Village, Sedam Taluk, Kalburgi District (6-00 Acres)

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	I/c Manager (Exploration) M/s.Hutti Gold Mines Co. Ltd., Hutti, Raichur-584115
2	Name & Location of the Project	"Sangavi (T) Sand Block" in the Kagina River bed, Opposite to Sy. No - 9, 10, & 11 over an extent of 6.00 Acres (2.43Ha) of the Sangavi (T) Village, Sedam Taluk, Kalburgi District, Karnataka
3	Type of Mineral	River Sand Quarry
4	New / expansion / modification / renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	2.43 Ha
7	Annual production (metric ton /Cum) per annum	27,981 tonnes per annum for 5 years of plan period
8	Project Cost (Rs. In Crores)	1.38 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,25,291 tons
10	permitted quantity per annum- Cu.m/Ton	27,981 tonnes per annum for 5 years of plan period
11	CER Action plan:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to GHPS school at Telkur village
	2nd	Enhancing ground water through construction of check dams
	3rd	Rain water harvesting pits to GHPS school at Telkur village
	4th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
5th	Health camp in GHPS school at Telkur village	
12	EMP Budget	Rs. 8.86 Lakhs (Capital Cost) & Rs. 7.80 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 05.08.2020 and approved by district sand monitoring committee on 31.07.2020.

There is an existing cart track road to a length of 1.12KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are no other leases within 500 meter radius from this lease area. The total area of the proposed lease is 6.00 Acres and hence the project is categorized as B2. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020.

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

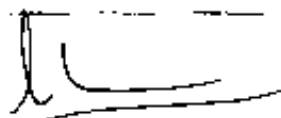
The committee suggested 1) Strengthening of bunds 50meters on either side of the river bank 2) to use only 6 wheeler tippers for collection from mine head to stockyard and 3) to provide ramp for movement of excavator and tippers and 4) to use the single entry and exit point for tippers and excavators.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 27,981 tonnes per annum for 5 years, after due replenishment every year.

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority observed the quarry plan and it is observed that depth of the geological reserve is 3.00 meter.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*



Additional Conditions:

1. Dust suppression measures have to be strictly followed.
2. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
3. The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass, Imperata and suitable plant species.
4. The PP shall utilize the permission as per the Sand policy of the GoK Notification No. CI 343 MMN 2019 (Part 7) dated 01.12.2021.
5. The PP shall obtain annual replenishment study from the competent Authority. If the replenishment rate is less, the PP shall make commensurate reduction/recess till replenishment.

209.1.4. Building Stone Quarry Project at Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (9-00 Acres) (3.64 Ha) by M/s. Shankaranarayana Constructions Pvt. Ltd. - Online Proposal No. SIA/KA/MIN/216292/2021 (SEIAA 263 MIN 2021)

M/s. Shankaranarayana Constructions Pvt. Ltd., have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (9-00 Acres) (3.64 Ha)

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Shankaranarayana Constructions Pvt. Ltd., No. 07, Residency Road, (old No. 9), Rajaram Mohan Roy Road, Bengaluru
2	Name & Location of the Project	"Building Stone Quarry" of M/s. Shankaranarayana Constructions Pvt. Ltd., At Sy. No: 25, Makenahalli Village, Nelamangala Taluk, Bangalore Rural District
3	Type of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	2.42Ha
7	Annual production (metric ton /Cum) per annum	10,50,030 tonnes for 1 st year and 5,60,123 tonnes for 2 nd year

8	Project Cost (Rs. In Crores)	1.99 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	26,42,812 Tonnes
10	permitted quantity per annum-Cu.m/Ton	10,50,030 tonnes for 1 st year and 5,60,123 tonnes for 2 nd year
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to common public places & Conducting E-waste drive campaigns in the nearby localities
	2 nd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages & Health camp in nearby community places
12	EMP Budget	Rs.27.91 lakhs (Capital Cost) &Rs. 22.26 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 13th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

Earlier this proposal was recommended to SEIAA for issued of E.C. Further SEIAA after discussion decided to refer the proposal back to SEAC for reconsideration and reappraisal in view of the following observations.

The Authority observed the Corrigendum Order issued by Dept. of C&I, GoK where in the proposed project area had been reduced to 6-00 Acres from 9-00 Acres. The Authority also verified the modified approved Quarry plan for 6-00 Acres area. Since the area has been drastically reduced from 9-00 Acres to 6-00 Acres, the Authority opined that the proposal and the revised EMP needs to be reappraised by SEAC. Therefore, the authority referred the file back to SEAC to appraise the proposal following due procedure of law considering the relevant documents.

The proponent has obtained NOCs from Forest, Revenue Department. The lease was approved by District Task Force on 05.01.2021 and revised C&I notification for 6 acres was issued on 29.09.2021.

There is an existing cart track road to a length of 251mts connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and growing of trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are nine other leases within the 500 meter radius from this lease area, out of which ECs for 8 leases were issued prior

to 15.01.2016 and thus the total area of 2 leases including this lease is 9-12 acres. Also the proponent submitted the cluster certificate issued by DMG Authorities of Tumkur District, where in it is mentioned that there are no other leases within 500 mts from this lease and hence the project is categorized as B2.

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

Considering the proved mineable reserve of 26,42,812 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 4 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 10,50,030 tonnes for first year, 5,60,123 tonnes/annum for 2nd year.

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority perused the revised quarry plan issued by DMG vide letter dated 29.11.2021, wherein it has been mentioned that there are no other leases with in 500 meter from the notified project site.

Therefore, the Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

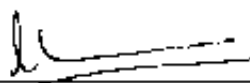
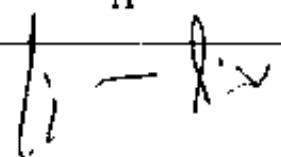
1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*

Additional Conditions:

Dust suppression measures have to be strictly followed.

209.1.5. Sand Mining Block - 5 in Tungabhadra River Bed Project at adjacent Haranagiri Village, Ranebennur Taluk, Haveri District (13-00 Acres) by M/s. SPCIPL - RMN (JV) - Online Proposal No. SIA/KA/MIN/228234/2021 (SEIAA 312 MIN 2020) - EIA Project

M/s. SPCIPL - RMN (JV), On Behalf of Executive Engineer, Karnataka Neeravari Nigam Limited, Upper Tunga Project Division, Ranebennuru have applied for

Environmental clearance from SEIAA for quarrying of Sand Mining Block - 5 in Tungabhadra River Bed Project at adjacent Haranagiri Village, Ranebennur Taluk, Haveri District (13-00 Acres)

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION												
1	Name & Address of the Project Proponent	M/s. SPC IPL - RMN (JV), On Behalf of Executive Engineer, Karnataka Neeravari Nigam Limited, Upper Tunga Project Division, Ranebennuru												
2	Name & Location of the Project	Proposed "Haranagiri Sand Mining Block - 5" by M/s. SPC IPL - RMN (JV) over an extent 13-00 Acres (5,260 Hectares) in Tungabhadra River Bed Quarry at Sy. No. 173 (P) of Haranagiri Village, Ranebennur Taluk, Haveri District, Karnataka												
3	Type of Mineral	Haranagiri Sand Mining Block - 5												
4	New / expansion / modification / renewal	New												
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land												
6	Area in Ha	5,260 Ha												
7	Annual production (metric ton /Cum) per annum	54,000 tonnes/annum												
8	Project Cost (Rs. In Crores)	1.50 Crores												
9	Proved quantity of mine/quarry-Cu.m/Tons	2,71,473 Tons												
10	permitted quantity per annum-Cu.m/Ton	54,000 tonnes/annum												
11	CER Action plan:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to common public places</td> </tr> <tr> <td>2nd</td> <td>Enhancing ground water through construction of check dams</td> </tr> <tr> <td>3rd</td> <td>The proponent proposes to distribute nursery plants at Haranagiri Village & Strengthening of approach road</td> </tr> <tr> <td>4th</td> <td>Rain water harvesting pits at GHPS School in Haranagiri</td> </tr> <tr> <td>5th</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to common public places	2nd	Enhancing ground water through construction of check dams	3rd	The proponent proposes to distribute nursery plants at Haranagiri Village & Strengthening of approach road	4th	Rain water harvesting pits at GHPS School in Haranagiri	5th	Scientific support and awareness to local farmers to increase yield of crop and fodder
Year	Corporate Environmental Responsibility (CER)													
1st	Providing solar power panels to common public places													
2nd	Enhancing ground water through construction of check dams													
3rd	The proponent proposes to distribute nursery plants at Haranagiri Village & Strengthening of approach road													
4th	Rain water harvesting pits at GHPS School in Haranagiri													
5th	Scientific support and awareness to local farmers to increase yield of crop and fodder													
12	EMP Budget	Rs. 16.50 Lakhs (Capital Cost) & Rs. 9.17 lakhs (Recurring cost)												

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

This project was deferred during 269th SEAC meeting for want of clarification about the depth of sand deposit. The proponent has submitted replies along with the Joint inspection report mentioning that the depth of sand deposit is about 3meters.

Also the proponent requested the committee to consider the application in the name of Executive Engineer, KNNL, Upper Tunga Project Division, Ranebennur, though initially the application was submitted in the name of M/s SPC IPL-RMV(JV), Behalf of Executive Engineer, KNNL, as per the recently notified sand policy 2021.

The TOR was issued by SEIAA on 25th February 2021 and EIA report was submitted on 7th September 2021. The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 20.07.2020 and approved by district sand monitoring committee on 25.06.2020.

There is an existing cart track road to a length of 2.53KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms and would grow trees all along the approach road.

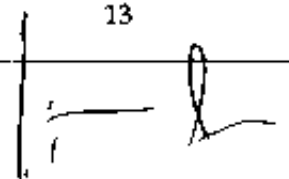
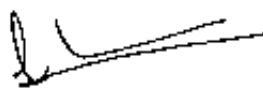
The public hearing was conducted on 10.08.2021 and the committee observed that there is no major negative opinion and the proponent further informed that dust pollution will be suppressed by sprinkling water during mining activity and the approach road would be strengthened. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020.

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

The committee suggested 1) Strengthening of bunds 50meters on either side of the river bank 2) to use only 6 wheeler tippers for collection from mine head to stockyard and 3) to provide ramp for movement of excavator and tippers and 4) to use the single entry and exit point for tippers and excavators.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 54,000 tonnes per annum for 5 years, after due replenishment every year.

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority observed the quarry plan and it is observed that depth of the geological reserve is 3.00 meter.



The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).
2. Safety measures proposed shall be submitted.
3. A time bound action plan for implementation of proposed CER activities as a part of EMP.

Additional Conditions:

1. Dust suppression measures have to be strictly followed.
2. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
3. The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass, Imperata and suitable plant species.
4. The PP shall utilize the permission as per the Sand policy of the GoK Notification No. CI 343 MMN 2019 (Part 7) dated 01.12.2021.
5. The PP shall obtain annual replenishment study from the competent Authority. If the replenishment rate is less, the PP shall make commensurate reduction/recess till replenishment.

Industry Projects:

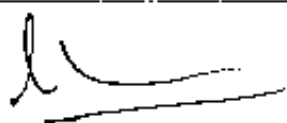
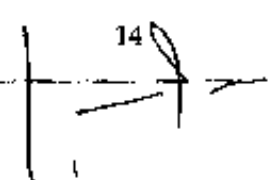
209.1.6. Manixial Bio Organics Project at KIADB Industrial Area 2nd Stage, Kudamalakunte Village, Kasaba hobli, Gowribidanur Taluk, Chikballapura District by M/s. MANIXIL BIO ORGANICS - Online Proposal No. SIA/KA/IND3/231852/2021 (SEIAA 54 IND 2021)

M/s. MANIXIL BIO ORGANICS have applied for Environmental clearance from SEIAA for proposed Manixial Bio Organics Project at KIADB Industrial Area 2nd Stage, Kudamalakunte Village, Kasaba hobli, Gowribidanur Taluk, Chikballapura District.

Details of the project are as follows:

SI NO	PARTICULARS	INFORMATION
1	Name of the project proponent	M/s. Manixil Bio-Organics Project Proponent Dr. Ramesh Naik

Drafted by 

2	Name & Location of the project	Plot No. 86, KIADB Industrial Area 2 nd Phase, Kudumalakunte Village, Kasaba Hobli, Gowribidanur Taluk, Chikkaballapura District - 561208		
3	New/expansion/modification /product mix change	New project		
4	Plot Area	4040sqm (1Acre)		
5	Built Up Area	2516sqm		
6	Project Cost	INR 4.50Crores		
7	Component of development	Pharmaceutical Intermediate products with a Manufacturing capacity of - 21.00TPA		
8	Source of water - operational phase	It will be procured from KIADB/ Local supply		
9	Total Water Requirement (Domestic+Industrial)in KLD	31.15KLD (1.75KLD+29.4KLD)		
10	Total waste water generation in KLD	8.12KLD		
11	Total effluents generation in KLD	8.12KLD (6.54KLD industrial +1.58KLD domestic)		
12	Scheme of disposal of excess treated water	Domestic & Industrial Effluent will be treated in Combined STP of 10KLD capacity. Complete treated effluent will be recycled to boiler & scrubber.		
13	ETP capacity	10.00 KLD Combined ETP		
14	STP Capacity	Sewage will be treated in combined ETP		
15	Waste Generation & its Disposal	As under mentioned		
	Solid waste	Municipal Solid Waste	0.5TPM	Authorized Recyclers
		Boiler Ash	2.00TPM	Brick manufacturing industry
	Hazardous waste	ETP sludge	3.60 TPA	Authorized TSDF
		Process Residue (Organic waste)	98.91TPA	Authorized Incinerators
		Process Solid Waste (Inorganic)	46.62TPA	Authorized TSDF

		waste)		
		Spent Solvent Waste	72.20TPA	Authorized vendors
		Used Oil	300LPA	Authorized Recyclers
		Cotton Waste	150 Kg/A	Authorized Incinerators
		Oil Filters	75 Kg/A	Authorized Incinerators
16	Green Belt Coverage - % of total area	1333.20sqm out of 4040sqm i.e., 33% of the total plot area		
17	EMP	Construction Phase EMP cost: INR 3.00lakhs Operation Phase Capital Cost: INR 44.75lakhs Recurring Cost: INR 10.65lakhs		
18	CER Activities proposed	1 st Year	2 nd Year	Total
		1.00 lakhs	1.00 lakhs	2.00 lakhs
		Proposed CER activity	Installation of Solar lamps and providing computers to Kudumalakunte Govt. School	

The subject was discussed in the SEAC meeting held on 13th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

Power requirement of project will be 100KW and will be met from BESCOM. The unit is proposed to install 1 X 320KVA DG Set, Stack height of 6m will be provided as per KSPCB norms. The unit has proposed to install 1 TPH Briquettes fired boiler with stack of height 22m. Dust Collector will be installed for the boiler for controlling the particulate emissions.

The details of products and capacity as under:

Sl. No	Name of the product	Quantities in TPA	Therapeutic Use
1	5-NITRO SALICYLALDEHYDE	1.20	Pharma Intermediate
2	2,4-DIAMINO-6-CHLOROPYRIMIDINE	2.00	Pharma Intermediate used for

			hair growth treatment
3	SODIUM ASCORBYL PHOSPHATE	0.60	Pharma Intermediate in the manufacture of skin treatment products
4	2'-CHLOROACETOPHENONE	0.60	Pharma Intermediate
5	6-CHLORO-2-HEXANONE	1.50	Pharma Intermediate in the manufacture of the Pentaxyphylene (for stomach pain medicine)
6	Salicylaldehyde	2.00	Pharma Intermediate
7	2-CHLOROCYCLOHEXANONE	0.60	Pharma Intermediate - 4 HydroxyCarbozole (Cardio vascular medicine)
8	4-CHLOROBENZHYDROL	2.00	Pharma Intermediate in the manufacture of nasal allergy treatment products
9	3-ISOPROPYLPHENOL	1.00	Pharma intermediate
10	PARACHLOROXYLENOL (PCMX)	8.00	Used in manufacture of Antibacterial liquid
11	3,5-DICHLOROACETANILIDE	1.50	Pharma Intermediate in the manufacture of skin treatment products
	Total	21.00	

Note: From the above list of products 6 products will be manufactured at a given point of time.

Details of Air Pollution sources and its management

Sl. No	Chimney attached to	Fuel used	Capacity	Stack height	Air pollution control unit	Predicted emissions
1.	DG. Set- 1 No.	Diesel	320KVA	6m ARL	Chimney height of 6m ARL	SO ₂ , NO _x , PM
2.	Reactors- 6nos.	-	--	3m ARL	Wet Scrubber - 1 No.	Acid/ Alkali Mist, CO ₂ , H ₂

3.	Boiler-1 No.	Briquettes	1 TPH	22m AGL	Dust Collector	SO ₂ , NO _x , PM
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Details of Solid waste & Hazardous waste generation and its management
Solid Waste Generation & Management

Sl. No.	Description	Quantity (TPM)	Disposal method
1	Municipal Solid Waste	0.5	Authorized Recyclers
2	Boiler Ash	2.00	Brick manufacturing industry

Ha Waste Generation & Management

Sl. No.	Name of the Hazardous Waste	Quantity	Disposal Method
1	Used Oil	300LPA	Authorized Recyclers
2	Cotton Waste	150 Kg/ A	Authorized Incinerators
3	Oil Filters	75 Kg/ A	Authorized Incinerators
4	ETP sludge	3.60 TPA	Authorized TSDF
5	Process Residue (Organic waste)	98.91 TPA	Authorized Incinerators
6	Process Solid Waste (Inorganic waste)	46.62 TPA	Authorized TSDF
7	Spent Solvent Waste	72.20 TPA	Authorized vendors

Consolidated pollution load

Description	Worst Case Scenario	
	Per day	Per Month
Total waste water Generation (in Liters)	4439.20	137615.20
Solid waste Generation (in Kgs)	125.32	3884.92
Spent Solvent Generation (in Kgs)	1940.83	60165.73
Gas Emissions (in Kgs)	245.13	7599.03
Process Residues (in Kgs)	265.87	8241.97

This is a new proposal and KIADB has allotted the land on 08.02.2021. The proponent initially submitted an application under B2 category for pharma products along with inorganic products and subsequently submitted a request letter dated:09.12.2021 stating that only Pharma products will be manufactured and therefore withdrawing the manufacture of inorganic products. The proponent submitted consolidated pollution load and management of Hazardous Waste details. The proponent informed that the solvents and spent solvents are stored in such a way that there would be no risk to the employees working within the project site and in the surrounding area. The proponent also informed that he will send the effluents and Hazardous Waste to the authorized KSPCB vendors.

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

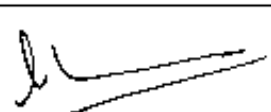
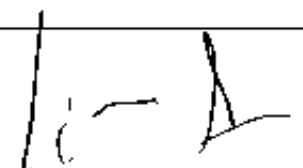
1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*
3. *The PP shall adhere to Hazardous waste management Rules, 2016.*

209.1.7. Expansion of existing Bio-chemicals, Bio organic chemicals and Specialty Chemicals manufacturing unit by including API's and Intermediates at Plot No. B-600, KSSIDC Industrial Area, Hosur Road, Bommasandra, Bangalore by M/s. Siddhi Vinayaka Spechem Pvt. Ltd. - Online Proposal No.SIA/KA/IND3/237244/2021 (SEIAA 57 IND 2021)

M/s. Siddhi Vinayaka Spechem Pvt. Ltd. have applied for Environmental clearance from SEIAA for Expansion of existing Bio-chemicals, Bio organic chemicals and Specialty Chemicals manufacturing unit by including API's and Intermediates at Plot No. B-600, KSSIDC Industrial Area, Hosur Road, Bommasandra, Bangalore.

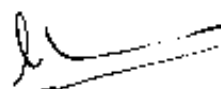
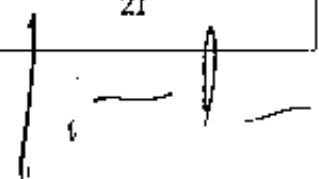
Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name and Address of the	Sri Harsha M.C.

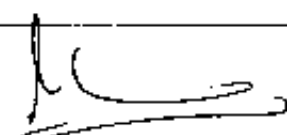
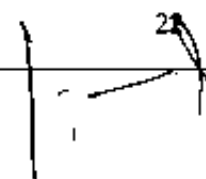



	Project Proponent	No. 96/127, MSP Complex, 2 nd Floor, 7 th main, 4 th Block Jayanagar, Bangalore																											
2	Name and Location of the Project	'Expansion of existing Biochemicals, Bio-organic chemicals and Specialty Chemicals manufacturing unit by including APIs and Intermediates' at Plot No. B-60, KSSIDC Industrial Area, Hosur Road, Bommasandra, Bangalore, Karnataka-560099																											
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corners</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12°48'44.54"N</td> <td>77°41'11.96"E</td> </tr> <tr> <td>B</td> <td>12°48'43.74"N</td> <td>77°41'12.71"E</td> </tr> <tr> <td>C</td> <td>12°48'43.98"N</td> <td>77°41'13.21"E</td> </tr> <tr> <td>D</td> <td>12°48'42.79"N</td> <td>77°41'13.92"E</td> </tr> <tr> <td>E</td> <td>12°48'42.19"N</td> <td>77°41'13.11"E</td> </tr> <tr> <td>F</td> <td>12°48'43.43"N</td> <td>77°41'12.16"E</td> </tr> <tr> <td>G</td> <td>12°48'43.33"N</td> <td>77°41'11.93"E</td> </tr> <tr> <td>H</td> <td>12°48'44.06"N</td> <td>77°41'11.33"E</td> </tr> </tbody> </table>	Corners	Latitude	Longitude	A	12°48'44.54"N	77°41'11.96"E	B	12°48'43.74"N	77°41'12.71"E	C	12°48'43.98"N	77°41'13.21"E	D	12°48'42.79"N	77°41'13.92"E	E	12°48'42.19"N	77°41'13.11"E	F	12°48'43.43"N	77°41'12.16"E	G	12°48'43.33"N	77°41'11.93"E	H	12°48'44.06"N	77°41'11.33"E
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H	12°48'44.06"N	77°41'11.33"E																											
4	Environmental Sensitivity																												
	a. Distance From nearest Lake/ River/ Nala	1. Kithiganahalli Lake at 370 m (SE) 2. Kanchanayakanhalli Lake at 1.34 km (SW) 3. Kammasandra Lake at 1.45 km (NE) 4. Bommasandra Lake at 1.6 km (NE)																											
	b. Distance from Protected area notified under wildlife protection act	--																											
	c. Distance from the interstate boundary	(None within 10 kms)																											
	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-B2																											
6	New/ Expansion/ Modification/ Product mix change	Expansion																											
7	Plot Area (Sq.m)	2324 Sq.m (0.57 acres)																											
8	Built Up area (Sq.m)	1190.6 Sq.m (Ground Coverage)																											
9	Component of developments	"Manufacturing of Active Pharmaceutical Ingredients (APIs) and Intermediates along with existing Biochemicals, Bio																											

		organic chemicals and Specialty Chemicals"	
10	Project cost (Rs. In crores)	Rs. 35 lakhs	
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	1190.6
	b.	Kharab Land	-
	c.	Internal Roads	347.2
	d.	Paved area	--
	e.	Parking	--
	f.	Green belt	786.2
	g.	Others Specify	--
	h.	Total	2324.0
12	Mode of transportation of Raw material and storage facility		The chemicals required for the process mostly bought from the local (indigenous) markets. Mode of transportation of all materials to the project site is by road. Raw material will be stored in designated areas
13	Fly ash production, storage and disposal details whereas coal is used as fuel		NA. Diesel is used as fuel for Boiler.
14	Details of Plant and Machinery with capacity/ Technology used		Diesel fired Boilers: 0.6 TPH DG - 1X200 KVA Cooling Tower - 1 X 140 TR
15	WATER		
	I.	Construction Phase	
	a.	Source of water	-
	b.	Quantity of water for Construction in KLD	NA. No construction activities involved. Expansion will be undergone within the existing premises.
	c.	Quantity of water for Domestic Purpose in KLD	NA
	d.	Waste water generation in KLD	NA
	e.	Treatment facility proposed and scheme of disposal of treated water	NA
	II	Operational Phase	
	a.	Source of water	Outside tankers
	b.	Total Requirement of Water in KLD	Fresh 22.69
			Recycled -
			Total 22.69
	c.	Requirement of water for	Fresh 19.64

	industrial purpose / production in KLD	Recycled	-
		Total	19.64
d.	Requirement of water for domestic purpose in KLD	Fresh	3.0
		Recycled	--
		Total	3.0
e.	Waste water generation in KLD	Industrial effluent	3.84
		Domestic sewage	2.4
		Total	6.24
f.	ETP/ STP capacity	NA. Domestic sewage is sent to Septic tank and Soak pit	
g.	Technology employed for Treatment	Trade effluents is sent to CETP	
16	Air Pollution		
a.	Sources of Air pollution	DG set of capacity - 1X200 KVA Boiler- Diesel fired Boiler: 1X0.6 TPH	
b.	Composition of Emissions	--	
c.	Air pollution control measures proposed and technology employed	Scrubbers, Chimney, cyclone separators	
17	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 is installed with inbuilt acoustic enclosures.	
18	WASTE MANAGEMENT		
I.	Operational Phase		
a.	Quantity of Solid waste generated per day and their disposal	The list of solid waste with their quantity is mentioned in PFR and EMP report	
b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	The list of hazardous waste with their quantity is mentioned in PFR and EMP report	
c.	Quantity of E waste generation with source and mode of Disposal as per norms	The quantity of e-waste and its mode of disposal is mentioned in PFR and EMP report	
19	POWER		
a.	Total Power Requirement in the Operational Phase with source	Power required - 140 KVA Source- BESCO	

	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 KVA
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Diesel DG set - Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--
20	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	Approach road width- 12 m Internal road width - 2.5 m

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

ANNEXURE - 1

LIST OF EXISTING PRODUCTS WITH PROPOSED MODIFICATION REMARKS

Sl. No	Product name	Existing qty. in kg/month	Proposed additional qty. in kg/month	Total qty. in kg/month	Remarks
1	Dithiothreitol	400	-	400	No change
2	Diacetone glucose	50	-	50	No change

CONSOLIDATED LIST OF PROPOSED PRODUCTS

Sl. No	Product name	Qty. in kg/month	CAS No.	Therapeutic Use
1.	1-(3-Hydroxyphenyl)-2-[methyl(phenylmethyl) amino] ethanone hydrochloride	45	71786-67-9	Phenylephrine Intermediate
2.	[2'-(4,4-dimethyl-4,5-dihydro-1,3-oxazol-2-yl)biphenyl-4-	12	158144-49-1	Telmisartan Intermediate

	yl]methanol			
3.	2-n-Propyl-4-Methyl-6-(1'-Methylbenzimidazol-2'-yl) Benzimidazole	10	15628-02-9	Telmisartan Intermediate
4.	3-Amino-3-azabicyclo[3.3.0]octane hydrochloride	7	58108-05-7	Gliclazide Intermediate
5.	Adapalene	10	106685-40-9	For treatment of mild-moderate acne
	1) 2-(1-Adamantyl)-4-bromophenol	20	104224-68-2	Adapalene Intermediate
	2) 2-(1-Adamantyl)-4-bromoanisole	16	104224-63-7	Adapalene Intermediate
	3) Methyl 6-bromo-2-naphthoate	9	33626-98-1	Adapalene Intermediate
6.	Cholecalciferol	10	67-97-0	To treat or prevent bone loss (<i>osteoporosis</i>)
	1) 7-Dehydrocholesterol	40	434-16-2	Cholecalciferol Intermediate
7.	Diacetone glucose	50	582-52-5	Speciality chemical
8.	Dithiothreitol	400	3483-12-3	Speciality chemical
9.	Dydrogesterone	10	152-62-5	To treat menstrual disorders
10.	Gliclazide	10	21187-98-4	To treat type 2 diabetes
11.	Luliconazole	10	187164-19-8	To treat tinea pedis
	1) 1 H- Imidazole-1-acetonitrile	5	98873-55-3	Luliconazole Intermediate
	2) 2,4-Dichloro-alpha-(chloromethyl)benzenemethanol Methanesulfonate	15	53984-39-7	Luliconazole Intermediate
12.	Phenylephrine	10	59-42-7	To relieve nasal discomfort caused by colds, allergies, and hay fever
13.	Phenylephrine free base (Racemic mixture)	20	56917-44-3	Phenylephrine Intermediate
14.	Telmisartan	10	144701-48-4	Treat high blood pressure (hypertension)

15.	Ursodeoxycholic acid	10	128-13-2	For the treatment of primary biliary cirrhosis (PBC)
	1) Chenodeoxycholic acid	10	474-25-9	Ursodeoxycholic acid Intermediate
	2) Ursodeoxycholic Acid Methyl Ester	6.5	10538-55-3	Ursodeoxycholic acid Intermediate
	Total	450 kgs/month		

Note:

- From the list of above products, any 2 products will be manufactured at any given point of time.

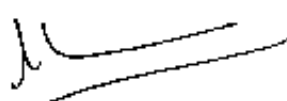
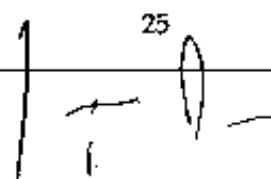
This is a proposal for expansion for the existing unit, which is not under the ambit of EIA Notification 2006. The proponent has been operating the unit based on CFO obtained from KSPCB. Now the proponent has proposed to expand the unit by adding APIs and Intermediates. The land allotted to the proponent by KIADB was on 31.03.1999. The proponent has submitted consolidated pollution load and details of management of Hazardous Waste. The proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding. The proponent also informed that he will send the effluents and Hazardous Waste to authorized KSPCB vendors.

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*
3. *The PP shall adhere to Hazardous waste management Rules, 2016.*

209.1.8. Expansion of Existing Laboratory /Fine Chemicals Purification and repacking unit by including manufacture of API's and Intermediates within existing premises Project at Yedehalli Village, Nelamangala Taluk, Bangalore Rural District - by M/s. Leonid Chemicals Pvt. Ltd. - Online Proposal No. SIA/KA/IND3/239654/2021 (SEIAA 59 IND 2021)

M/s. Leonid Chemicals Pvt. Ltd. have applied for Environmental clearance from SEIAA for Expansion of Existing Laboratory /Fine Chemicals Purification and repacking unit by including manufacture of API's and Intermediates within existing premises Project at Yedehalli Village, Nelamangala Taluk, Bangalore Rural District

Details of the project are as follows:

Sl No.	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Leonid Chemicals Pvt. Ltd.
2	Name & Location of the project:	Plot No.30-P2, KIADB Industrial Area, Dobaspet, Yedehalli Village, Somapura Hobli, Nelamangala Taluk, Bangalore- 562 111
3	New /expansion/modification / product mix change:	Expansion
4	Plot Area	4398.12 Sqm (1.0 acres)
5	Built Up Area	1799.12Sq.m (Ground coverage area)
6	Project Cost	7.0 Crores
7	Component of development:	Laboratory/Fine Chemicals purification and repacking unit and API's and Intermediates manufacturing unit.
8	Source of water -operational phase:	KIADB
9	Total Water Requirement (Domestic + Industrial) in KLD	32.06KLD
	Fresh Water in KLD	28.56KLD.
	Recycled water in KLD	3.5 KLD
10	Total waste water generation in KLD	8.17 KLD (Domestic sewage - 1.7 KLD)
11	Total effluents generation in KLD	
12	Scheme of disposal of excess treated water	NA
13	ETP Capacity	ZLD system (MEE - 10 KLD, Biological Treatment Plant - 10 KLD)
14	STP Capacity	NA. Domestic sewage will be passed to Septic tank followed by soak pit.
15	Waste Generation & its Disposal	


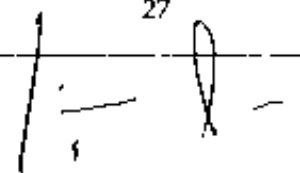
	Solid Waste	Store in secured manner and hand over to KSPCB Authorized Vendor
	Hazardous Waste	Store in secured manner and hand over to KSPCB Authorized Vendor
16	Green Belt Coverage - % of total area	1515.00(34.4 %)
17	EMP	a. Scrubber-40lakhs b. RWH-5Lakhs c. Green belt development-5lakhs d. Occupational health and safety-5lakhs e. Storm water drains and fire management-5lakhs f. MEE, ETP and RO plant-40 lakhs g. Environmental lab-2lakhs Total-102lakhs
18	CER Activities Proposed	Total-Rs-5 lakhs Plantation at CA site in local Sompura gram panchayat area. Following steps will be followed. • Grazing of weeds & unwanted vegetation. • Plantation of trees. • Protecting the trees by fencing. • Maintaining the plants. • Handover to gram panchayat.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

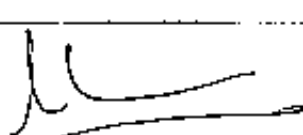
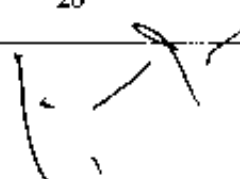
ANNEXURE-1
DETAIL OF EXISTING PRODUCTION

Sl. No.	Activity	Qty. in TPM
1	Re-packing of chemicals and purification of laboratory and fine chemicals. A. Liquids: (All grades-IPLC, GC, AR, LR, Anhydrous, Dried, Commercial) B. Solids:(All Grades- Commercial, AR, LR, Anhydrous, Dried)	120

LIST OF PROPOSED PRODUCTS

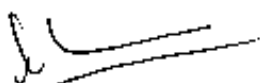
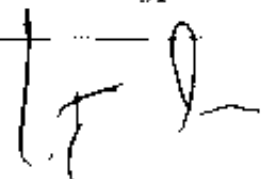
Sl. No.	Product Name	Qty. in TPM	CAS NO	Therapeutic use
1	Molnupiravir	0.4	2349386-89-4	To treat influenza
	1) 1-(6-Hydroxymethyl-2,2-dimethyl-tetrahydro-furo[3,4-d][1,3]dioxol-4-yl)-1H-pyrimidine-2,4-dione	0.46	-	Molnupiravir Intermediate
	2) Isobutyric acid 6-(2,4-dioxo-3,4-dihydro-2H-pyrimidin-1-yl)-2,2-dimethyl-tetrahydro-furo[3,4-d][1,3]dioxol-4-ylmethyl ester	0.54	-	Molnupiravir Intermediate
	3) 1-[6-(1-Hydroxy-2-methyl-propoxymethyl)-2,2-dimethyl-tetrahydro-furo[3,4-d][1,3]dioxol-4-yl]-4-(2H-[1,2,4]triazol-1-yl)-1H-pyrimidin-2-one	0.58	-	Molnupiravir Intermediate
	4) Isobutyric acid 4-hydroxyamino-1-methyl-1,2-dihydro-pyrimidin-5-yl methyl ester; compound with 2,2-dimethyl-tetrahydro-furo[3,4-d][1,3]dioxole	0.5	-	Molnupiravir Intermediate
2	Remdesivir	0.5	1809249-37-3	To treat coronavirus infection
	1) (2R,3R,4R,5R)-2-(4-aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-3,4-bis(benzyloxy)-5-((benzyloxy)methyl)tetrahydrofuran-2-carbonitrile	0.66	-	Remdesivir Intermediate
	2) (2R,3R,4S,5R)-2-(4-aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-carbonitrile	0.29	-	Remdesivir Intermediate
3	Teprenone	0.3	6809-52-5	To Treat acute gastroenteritis,

				exacerbations of gastric inflammation, and gastric ulcers
4	Nintedanib Esylate	0.3	656247-18-6	To Treat idiopathic pulmonary fibrosis
5	Favipiravir	0.2	259793-96-9	Used to manage influenza, and that has the potential to target other viral infections.
	1) Diethyl 2-(hydroxyamino)malonate	0.80	-	Favipiravir Intermediate
	2) Diethyl 2-aminomalonate	0.72	-	Favipiravir Intermediate
	3) 2-aminomalonamide	0.36	-	Favipiravir Intermediate
	4) 3-hydroxypyrazine-2-carboxamide	0.32	-	Favipiravir Intermediate
	5) 6-bromo-3-hydroxypyrazine-2-carboxamide	0.45	-	Favipiravir Intermediate
	6) 3,6-dichloropyrazine-2-carbonitrile	0.31	-	Favipiravir Intermediate
	7) 3,6-difluoropyrazine-2-carbonitrile	0.21	-	Favipiravir Intermediate
6	Granisetron HCl	0.2	107007-99-8	To Treatment of acute nausea and vomiting associated with chemotherapy and radiotherapy
7	Lamotrigine	0.2	84057-84-1	To Prevent and control seizures.
	1) (2,3-dichloro-phenyl)-oxoacetonitrile	0.16	-	Lamotrigine Intermediate
	2) 2-(2,3-dichlorophenyl)-2-phenylmethylene hydrazine carboximidamide	0.20	-	Lamotrigine Intermediate
8	Leflunomide	0.3	75706-12-6	To Treat rheumatoid arthritis

	1) 2-ethoxymethylene-3-oxo-N-(4-trifluoromethyl-phenyl)-butyramide	1.52	-	Leflunomide Intermediate
9	Linagliptin	0.5	668270-12-0	Treat lower blood sugar levels in patients with type 2 diabetes
	8-bromo-7-(but-2-yn-1-yl)-3-methyl-1-[(4-methyl quinazolin-2-yl)methyl]-3,4,5,7-tetrahydro-1H-purine-2,6-dione	0.51	-	Linagliptin Intermediate
	(R)-tert-butyl (1-(7-(but-2-yn-1-yl)-3-methyl-1-[(4-methylquinazolin-2-yl) methyl]-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl) piperidin-3-yl) carbamate	0.77	-	Linagliptin Intermediate
	(R)-8-(3-aminopiperdin-1-yl)-7-(but-2-yn-1-yl)-3-methyl-1[(4-methylquinazolin-2-yl) methyl) - 1H- purine-2,6(3H,7H)-dione	0.53	-	Linagliptin Intermediate
10	Anagrelide HCl	0.4	58579-51-4	To Treat a certain blood disorder (thrombocythemia)
	1) 2,3-dichloro-6-nitrobenzylamine	0.44	-	Anagrelide HCl Intermediate
	2) (2,3-dichloro-6-nitrobenzylamino)-acetic acid ethyl ester	0.56	-	Anagrelide HCl Intermediate
	3) (6-amino-2,3-dichloro-benzylamino)-acetic acid ethyl ester	0.42	-	Anagrelide HCl Intermediate
	4) (2-amino-5,6-dichloro-4H-quinazolin-3-yl)-acetic acid ethyl ester Hydrogen Bromide	0.56	-	Anagrelide HCl Intermediate
	5) 6,7-dichloro-1,5-dihydroimidazo[2,1-b]quinazolin-2-one	0.35	-	Anagrelide HCl Intermediate
11	Apremilast	0.5	608141-41-9	To Treat ulcers in the mouth in people with Behcet's syndrome

	1) (R)-4-amino-2-[1-(3-ethoxy-4-methoxy-phenyl)-2-methanesulfonylethyl]-isoindole-1,3-dione	0.54	-	Apremilast Intermediate
	2) 4-amino-2-[1-(3-ethoxy-4-methoxy-phenyl)-2-methylsulfonylethyl] isoindoline-1,3-dione	0.48	-	Apremilast Intermediate
12	Bicalutamide	0.4	90357-06-5	To Treat metastatic prostate cancer
	1) 4-cyano-3-(trifluoromethyl)-N-(3,4-fluoro phenylthio-2-hydroxy-2-methylpropionyl)aniline	0.64	-	Bicalutamide Intermediate
13	Capecitabine	0.3	154361-50-9	To Treat breast, colon, or rectal cancer
	1) Carbonic acid 5-(5-fluoro-2-oxo-4-pentylloxycarbonylamino-2H-pyrimidin-1-yl)-2-methyl-4-pentylloxycarbonyloxy-tetrahydrofuran-3-ylester pentylester	0.52	-	Capecitabine Intermediate
	2) [1-(3,4-dihydroxy-5-methyl-tetrahydro-furan-2-yl)-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]-carbamic acid pentylester	0.31	-	Capecitabine Intermediate
14	Carboplatin	0.2	41575-94-4	To Treat cancer of the ovaries
	1) Aquanitrateplatinum complex	0.26	-	Carboplatin Intermediate
15	Cisplatin	0.1	15663-27-1	To Treatment of numerous human cancers including bladder, head and neck, lung, ovarian, and testicular cancers.
16	Etoposide	0.3	33419-42-0	To Treat a certain type of lung cancer
	1) Carbonic acid benzyl ester 4-(9-	0.30	-	Etoposide Intermediate

	hydroxy-6-oxo-5,5a,6,8,8a,9-hexahydro-furo[3',4':6,7]naphtho[2,3-d][1,3]dioxol-5-yl)-2,6-dimethoxy-phenyl ester			
	2) 1,1-Dichloro-3-[7-(3-chloro-2-oxo-propyl)-6-hydroxy-2-methyl-hexahydro-pyrano[3,2-d][1,3]dioxin-8-yl]-propan-2-one	0.46	-	Etoposide Intermediate
	3) Carbonic acid benzyl ester 4-[9-(7,8-dihydroxy-2-methyl-hexahydro-pyrano[3,2-d][1,3]dioxin-6-yloxy)-6-oxo-5,5a,6,8,8a,9-hexahydro-furo[3',4':6,7]naphtho[2,3-d][1,3]dioxol-5-yl]-2,6-dimethoxy-phenyl ester	0.39	-	Etoposide Intermediate
17	Sunitinib Malate	0.2	341031-54-7	To Treat gastrointestinal stromal tumors
	1) 3- methyl -1H-pyrrole -2, 4-dicarboxylic acid 2-tert-butyl ester 4-ethyl ester	0.11	-	Sunitinib Malate Intermediate
	2) 2, 4-Dimethyl-1H-pyrrole-3-carboxylic acid ethyl ester	0.07	-	Sunitinib Malate Intermediate
	3) 5- formyl-2,4-dimethyl-1H-pyrrole-3-carboxylic acid ethyl ester	0.08	-	Sunitinib Malate Intermediate
	4) 5- formyl-2, 4-dimethyl-1H-pyrrole-3-carboxylic acid	0.07	-	Sunitinib Malate Intermediate
	5) 5- formyl-2, 4-dimethyl-1H-pyrrole-3-carboxylic acid (2-diethylamino-ethyl)-amide	0.11	-	Sunitinib Malate Intermediate
	6) 2, 4-dimethyl-5-(2 oxo-1, 2-dihydro-indol-3-ylidenemethyl)-1H-pyrrole-3-carboxylic acid (2-diethylamino-ethyl)-amide	0.16	-	Sunitinib Malate Intermediate
18	Omeprazole	0.5	73590-58-6	To Treat the symptoms of gastroesophageal reflux disease (GERD)
	1) 3,5-Dimethyl-4-nitro-pyridine N-	0.27	-	Omeprazole Intermediate

	oxide			
2)	(4-methoxy-3,5-dimethylpyridin-2-yl)methanol	0.26	-	Omeprazole Intermediate
3)	2-(chloromethyl)-4-methoxy-3,5-dimethylpyridine	0.28	-	Omeprazole Intermediate
4)	5-Methoxy-2-(4-methoxy-3,5-dimethyl-pyridin-2-ylmethylsulfanyl)-1H-benzoimidazole	0.49	-	Omeprazole Intermediate
	Custom Synthesis	0.2		
	Total (4 products)	2		
		TPM		

Note: From the list of above products, any 4 products will be manufactured at any given point of time.

Existing activity (Re-packing of chemicals and purification of laboratory and fine chemicals of 120 TPM) will be continued.

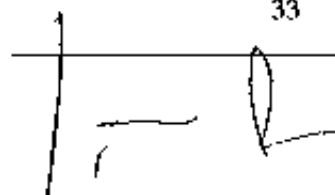
LIST OF PROPOSED BY-PRODUCTS

S.No	Name of the Product	Name of the By Product	Quantity in Kgs/Day
1.	Capecitabine	Pyridine hydrochloride	3.58
2.	Omeprazole	Sodium Sulphate	7.60
3.	Sunitinib Maleate	Sodium Hydroxide	1.33

This is a proposal for expansion for the existing unit, which is not under the ambit of EIA Notification 2006. The proponent operating the unit based on CFO obtained from KSPCB. Now the proponent proposes to expand the unit by adding APIs and Intermediates. The land allotted to the proponent by KIADB was on 09.05.2003. The proponent has submitted consolidated pollution load and management of Hazardous Waste. The proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working within the project site and surrounding. The proponent also informed that he will send the effluents and Hazardous Waste to authorized KSPCB vendors.

The committee after discussion decided to recommend the proposal to SEIAA for issue of E.C.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).
2. A time bound action plan for implementation of proposed CER activities as a part of EMP.
3. The PP shall adhere to Hazardous waste management Rules, 2016.
4. The PP shall obtain approval/ permission from Inspector of Factories and Boilers.

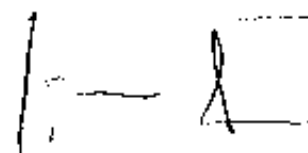
209.1.9. TMT BARS Manufacturing Unit Project at 1stStage Sompura Industrial Area, Pemmanahalli Village, Dabaspete Hobli, Nelamangala Taluk, Bangalore Rural District by M/s. SK STEEL TECH - Online Proposal No. SIA/KA/IND/62803/2020 (SEIAA 73 IND 2020)-Expansion

M/s. SK STEEL TECH have applied for Environmental clearance from SEIAA for TMT BARS Manufacturing Unit Project at 1stStage Sompura Industrial Area, Pemmanahalli Village, Dabaspete Hobli, Nelamangala Taluk, Bangalore Rural District

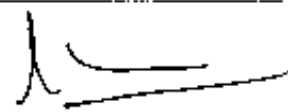
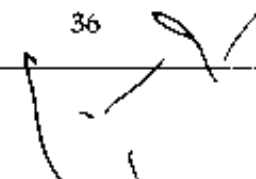
Details of the project are as follows:

SL No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mrs.Nirmala Rani Kulandaisamy #162/A, 2nd Main Road, Industrial Town, Rajajinagar, Bangalore, Karnataka 560010
2	Name & Location of the Project	M/s. S.K. Steel Tech, Plot Nos. 47, 48 & 49, 1 st Stage, Sompura Industrial Area, Sy.Nos. Parts of 56, 57 & 59, Pemmanahalli Village, Dabaspete, Nelamangala Taluk, Bengaluru Rural District
3	Co-ordinates of the Project Site	Latitude: 13°13'43.4"N Longitude 77°15'45.9"E
4	Environmental Sensitivity	
a	Distance From nearest Lake/ River/ Nala	Mudaalinganahalli kere-3.7km (NE) Halenijgal kere-6.45Km (NW) Devara kere-7.18Km (SW)
b	Distance from Protected area	Not present within 10km of project Study area

		re-notified under wildlife protection act	
	c	whether located in critically/severely polluted area as per the CPCB norms	No
5		New/Expansion/Modification/Product mix change	Fresh Environmental Clearance for production expansion.
6		Plot Area (Sqm)	22670.00
7		Built up area (Sqm)	12453.08
8		Component of developments	4TPH Electrical induction furnace will be upgraded to 10TPH capacity each. Civil structure & Water tank, Plant Machinery & Pollution control devices, Cranes, Pump house etc.
9		Project cost (Rs. In Crores)	Existing - INR 25.50 Crores, Proposed - INR 8.00 Crores Total - INR 33.50 Crores
10		Details of Land Use (Sqm)	
	a	Main Factory • Ground Floor • Mezzanine Floor	11968.44 Sqm 22.23 Sqm
	b	Security Room • Ground Floor	6.84 Sqm
	c	Work Shop • Ground Floor	668.74 Sqm
	d	Cooling Tower, Water Tank Room • Ground Floor	216.38 Sqm
	e	Toilet Block-1 • Ground Floor	183.00 Sqm
	f	Toilet Block-2 • Ground Floor	196.00 Sqm
	g	Roads & Other amenities	7068.37 Sqm
	h	Green Belt Area (10.32%)	2340.00 Sqm
		Total industrial activity area	22670.00 Sqm
11		Products and By Products with quantity	It is proposed to upgrade both existing 4TPH induction furnaces to 10TPH capacity each to produce 59000 TPA of TMT bars. No additional land proposed.



12	Raw material with quantity and their source (enclose as Annexure if necessary)	Raw material	Qty (TPA)	Source
		MS Scrap	49150	Local Market
		Sponge iron	24190	
13	Mode of transportation of Raw material and storage facility	MS Scrap & Sponge Iron Will be brought in trucks on road, they will be stored in closed sheds.		
14	Transportation and storage facility for coal/fuel in case of thermal power plant	Coal will be used in very less quantity in coal pulverizer. They will be brought in covered trucks and will be stored in closed sheds.		
Environment Management Plan (EMP)				
15	WATER POLLUTION			
I	Operation Phase			
a.	Source of water	Borewell/KIADB		
b.	Total Requirement of Water in KLD	65		
c.	Requirement of water for industrial purpose / production in KLD	50		
d.	Requirement of water for Domestic purpose in KLD	15		
e.	Wastewater generation in KLD	1. Sewage - 13.50 KLD 2. Mill scale effluent - 2 KLD		
f.	ETP/STP capacity	STP - 25 KLD		
g.	Technology employed for Treatment	1. Sewage - 25 KLD STP using Sequential Batch Reactor (SBR) 2. Mill Scale effluent is treated using Series of settling tank		
h.	Scheme of disposal of excess treated water if any	Treated domestic effluent is used for gardening & dust suppression. Settling tank supernatant is recycled to the same system		
16	AIR POLLUTION			
a.	Sources of Air pollution	Induction Furnace (2 No), Re-heating Furnace, Coal Pulverizer Machine, Billet Casting Molding section, DG Set		

		250KVA & DG Set 500KVA
b.	Composition of Emissions	PM and SO ₂ , NO _x

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

Earlier this proposal was recommended to SEIAA for issue of E.C. for an enhanced production of TMT Bars / Wires from 24,000 TPA to 1,50,000 TPA. Further the Project Proponent vide letter dated 11.10.2021 had requested SEIAA to re-consider the enhanced production of TMT bars manufacturing unit to 59,000 TPA instead of 1,50,000 TPA.

The Authority while noting the request made by the project proponent to reduce the production capacity of TMT bars from 1,50,000 TPA to 59,000 TPA, opined that the proposal needs to be reappraised by SEAC as there is substantial reduction in the production quantity. Therefore the authority referred the file back to SEAC to appraise the project proposal following the due procedure of law.

This is an expansion proposal for production of TMT bars/wires from 24,000 TPA to 59,000 TPA. The land was allotted to the proponent by KIADB on 17.07.2010. Earlier the proponent was operating the unit by obtaining CFO from KSPCB with a capacity of 24,000 TPA, which is less than the threshold limit for EC under EIA Notification 2006.

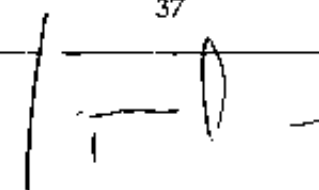
With respect to fly ash management the proponent informed that same will be supplied for brick manufacturing. As far as CER is concerned the proponent has stated, that he will earmark Rs.8.0 lakhs to take up developmental activities around Pemmanahalli Village.

The committee after discussion and deliberation decided to recommend to SEIAA for issue of Environmental Clearance.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*

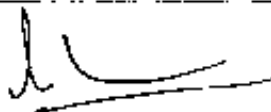
2. A time bound action plan for implementation of proposed CER activities as a part of EMP.
3. The PP shall adhere to Hazardous waste management Rules, 2016.
4. The PP shall obtain approval/permission from Inspector of Factories and Boilers.

209.1.10. Sira Industrial Area Project at Mudigere Kaval Village, Sira Taluk, Tumkur District by KIADB, Tumkur - Online Proposal No.SIA/KA/NCP/63992/2019 (SEIAA 48 IND 2019)

KIADB, Tumkur have applied for Environmental clearance from SEIAA for Sira Industrial Area Project at Mudigere Kaval Village, Sira Taluk, Tumkur District by KIADB, Tumkur

Details of the project are as follows:

SL. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Chief Development Officer (CDO), 4 th & 5 th floors, Khanija Bhavan, East Wing, No.49, Race Course Road, Bangalore-
2	Name & Location of the Project	Development of Sira Industrial Area, Mudigere Kaval Village, Sira Taluk, Tumkur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: 13° 41' 45.3" N to 13° 44' 01.1" N Longitude: 76° 53' 10.9" E to 76° 54' 06.4" E
4	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	7 (c) Industrial estates/ parks / complexes / areas, Export Processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes. "Category : B"
5	New/Expansion/Modification/Product mix change	New
6	Plot Area (Sqm)	815.27 Acres (329.93 Ha) / 3299300 sq.m
7	Component of developments	Development of plot areas for setting up Food, Agro, Engineering, Textile, Software etc...
8	Project cost (Rs. In crores)	340.21
9	Details of Land Use (Sqm)	
	c. Internal Roads	367700 sq.m
	e. Parking	160300 sq.m
	f. Green belt & open area	1096700 sq.m
	g. Others Specify	1674600 sq.m, (development of plot areas for setting up Food, Agro, Engineering, Textile, Software etc)

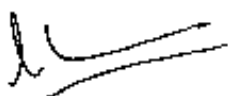
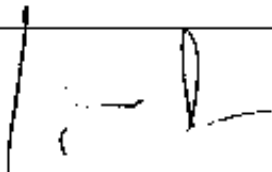



	h.	Total	3299300 sq.m (815.27 Acres (329.93 Ha))
			NA
10	WATER		
	I. Construction Phase		
	a.	Source of water	Yetinnahole water to Kallambella lake & Tertiary treated water from Vasanthanarasapura I.A
	b.	Quantity of water for Construction in KLD	about 25 KLD
	c.	Quantity of water for Domestic Purpose in KLD	About 32 KLD (For drinking, drinking water from local dealers)
	d.	Waste water generation in KLD	About 28 KLD
	e.	Treatment facility proposed and scheme of disposal oftreated water	Wastewater generated from temporary sanitation facilities provided for works during construction will be sent to portable STP /septic tank followed by soak pit. The treated waste water from STP will be used for greenbelt development and dust suspension within the proposed IA.
	II. Operational Phase		
	a.	Source of water	Water requirement met from Yetinnaholewater toKallambella lake &tertiary treated water from Vasanthanarasapural.A
	b.	Total Requirement of Water in KLD	Fresh (Portable water) 752
			Recycled 1275 + 1738
			Total 3765 about 3.8 MLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh 1145(tertiary treated water from Vasanthanarasapura I.A)
			Recycled
			Total 1145
	d.	Waste water generation inKLD	Industrial effluent 802
			Total 802 (Industrial WW) & 1027 (Domestic WW)
	e.	ETP/ STP capacity	CETP capacity: 1MLD& CSTP capacity: 1.25 MLD
	f.	Technology employed fortreatment	Primary, Secondary & Tertiary treatment technologies are proposed
	g.	Scheme of disposal of excess treated water if any	ZLD is proposed
11	Infrastructure for Rain water harvesting		Individual units (industrial, residential & commercial) will set up roof top rain water



		harvesting system within their premises as per applicable regulations. Harvested water after treatment will be stored by individual units/ plots in collection tanks and utilize it as make up water for industrial operations, domestic purpose & ground water recharge by constructing rainwater harvesting pits. This will supplement and/or reduce to some extent fresh (raw) water requirement.
12	Storm water management plan	The storm water collected from the areas such as road and open areas will be handled by Storm Water Drainage (SWD) system developed by project proponent within IA. SWD will be provided along the roads with pits at a distance of about 350 m to handle storm water flow. The excess water will be sent to outside natural drains.
13	Air Pollution	
	a. Sources of Air pollution	Major sources are boilers and DG sets used by industries
	b. Composition of Emissions	Major pollutants are SPM, NO _x &SO ₂
	c. Air pollution control measures proposed and technology employed	Individual industries will provide boiler & DG set with stacks of sufficient height as per applicable CPCB standards. They will also install air pollution control equipment like cyclone / multi-cyclones water scrubbers to meet applicable stack outlet emission standards. Stratified Greenbelt (GB) will be developed with shrub layer beneath tree layer to serve as an effective sieve for dust and sink for CO ₂ and other gaseous pollution. A three tier plantation of 15 m width all along the IA boundary will be developed along with Avenue plantation of 2 m on both sides of the road. 33% of total area within IA will be earmarked for development of green belt.
14	Noise Pollution	
	a. Sources of Noise pollution	Boilers, DG sets, pumps, ID&FD fans, industrial equipment
	b. Expected levels of Noise pollution in dB	About <75 dB (at a distance of 1 m from source). A maximum noise level (post project) near

		proposed IA boundary is about 61.5 dB (A) which is within the Noise Pollution (Regulation and Control) Rules, 2000, for industrial area. Hence there will be no impact due to IA operation.
	c. Noise pollution control measures proposed	<p>Properly designed plant and machinery and shock absorbing pads in the foundation of vibrating equipment will be provided.</p> <p>Acoustically designed cabins for heavy noise generating boilers and other equipment will be provided.</p> <p>Develop GB in about 33% of total IA area to minimise noise levels within stipulated standards.</p> <p>Distribution of working hours among personnel working with major noise generating equipment and rotating to non-noisy/ less noisy area.</p> <p>In the high noise intensity working areas / zones, Personal Protective Equipment (PPE) like ear plugs/ear muffs etc. will be provided to the workmen.</p>
15	Waste management	
	Operational Phase	
	a. Quantity of Solid waste generated per day and their disposal	Quantity & waste characteristics generated by them will be provided by individual industries at time of obtaining necessary statutory clearances as per requirement from concerned regulatory authorities Municipal waste - 5.67 tons/day - send to Authorized vendors, Municipal land fill
	b. Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Hazardous waste - 0.57 IPD & CETP sludge - 0.15 TPD - Disposed to nearby TSDF. Waste oil-0.57 KLD/month, Used batteries-287 No/Annum- Sale to authorized re-processor registered with CPCB
	c. Quantity of E waste generation with source and mode of Disposal as per norms	NA/ E waste details will be provided by individual industries at time of applying for EC/ CFE / CF0
16	Risk Assessment & disaster management	EIA report provides Risk assessment & disaster management plan
17	Power	

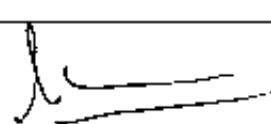
	a.	Total Power Requirement in the Operational Phase with source	12.7 MWH; Source: Electricity supplied by KIADB through KPTCL for construction & operation phase.
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 50 kVA, 100 kVA, 250 kVA will be used for standby power supply
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC2007	Latest solar street lighting will be provided within project site. LED or florescent lamps will be used during construction and operation phases of project. Proposed project plans to harvest rooftop solar energy potential within proposed IA and also encouraging individual units to install them. About 10 sqm of area is required to generate 1 kW of solar energy (source: Bureau of Energy Efficiency (BEE), India). It is proposed to install solar panels on rooftop of all administrative buildings in proposed IA.
18	Parking		
	a.	Parking Requirement as per Norms	About 5% of total area is earmarked for parking requirements of IA. This area is identified at various locations spread across IA to decentralize & reduce congestion.
	b.	Internal Road width (RoW)	Road network of 35 m, 30 m, 24 m & 18 m wide roads are planned for smooth follow of traffic within IA

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

This project was considered during 268th SEAC meeting and decided to defer the proposal after submission of the revised concept plan clearly leaving the buffer for water bodies and nalas, for further consideration.

The proponent has submitted replies along with the concept plan vide letter dated 13.09.2021. The proponent left 15meter buffer all round the project site and buffer from nalas/water bodies as per norms.

This is a proposal for development of industrial area for category B industries such as Food processing, Agro, Textile and Software etc. The proponent submitted




EIA report on 10.06.2021 based on the TORs issued on 22.06.2020. The public hearing was conducted on 29.12.2020.

The proponent has informed that the CETP will be commissioned with in the industrial area and no effluents will be discharged outside. There are no Wildlife Sanctuaries or National Parks within 10KM radius from the project site boundary and Kagaladu Bird Reserve is at a distance of 9.6 KM from the boundary of the project site, for which there is no ESZ prescribed.

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

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*
3. *The issues which have been raised during Public Hearing shall be addressed by project proponent.*

209.1.11. Establishment of Immavu and Thandya Phase-II, Industrial Area at Nanjangud Taluk, Mysore District by KIADB - Nanjanagudu - Mysore - Online Proposal No. SIA/KA/NCP/21240/2017 (SEIAA 24 IND 2017)

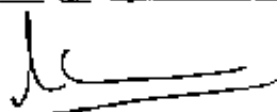
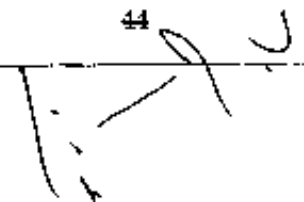
M/s. Karnataka Industrial Area Development Board (KIADB) have applied for Environmental clearance from SEIAA for Establishment of Immavu and Thandya Phase-II, Industrial Area at Nanjangud Taluk, Mysore District

Details of the project are as follows:

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



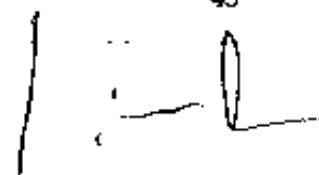
		Nanjangud taluk, Mysore District, Karnataka.
3	New /expansion/modification / product mix change:	New.
4	Plot Area	Total area: 1149.21 Acre. Immavu: 500 Acre and Thandya phase-II: 649.21 Acre.
5	Project Cost	189.80 Crores.
6	Component of development:	Development of Red Category Industrial Area with all infrastructure facilities for the entrepreneurs.
7	Source of water - operational phase:	Kabini River. About 19300 KLD (5 MGD) of surface water from Kabini river is sanctioned for the Nanjangud industrial area by irrigation department vide letter no. ID 108 IFY 91 dated 03.09.1991.
8	Total Water Requirement (Domestic + Industrial) in KLD	5212 KLD.
	Fresh Water in KLD	2960.2 KLD.
	Recycled water in KLD	2251.8 KLD
9	Total waste water generation in KLD	833.6 KLD
10	Total effluents generation in KLD	2251.8 KLD
11	Scheme of disposal of excess treated water	Treated effluent will be reused by individual industries to reduce fresh water consumption. Treated water from STP will be used for plantation and green belt purpose.
12	ETP Capacity	Expected capacity: 3000 KLD, ZLD system is proposed.
13	STP Capacity	1000 KLD
14	Waste Generation & its Disposal	
	Solid Waste	Waste generated during development of industrial area will be reused for back filling/ filling the low lying areas.
	Hazardous Waste	Other category of waste viz. hazardous, solid waste generated during the operational

		of the individual industries, industries will be appraised to obtain and comply with the authorization issued by KSPCB for different categories of waste in respective rules.
15	Green Belt Coverage - % of total area	274.19 Acre (23%). - 15 meters allround the project site. In addition, KIADB will direct individual entrepreneurs to have green belt in their respective allotted plots to maintain overall green belt of 33% of the industrial estate.
16	EMP	a. Air pollution control: 2 Crore b. Water pollution control: 10 Crore c. Solid waste management: 4 Crore d. Environmental pollution monitoring: 10 lakhs e. Plantation and gardening program: 1 Crore f. Rainwater system: 90 lakhs Total: 18 Crore
17	CER Activities Proposed	(i) Potable drinking water facilities like construction of water tanks at village level) (ii) Development of infrastructure & sanitation facilities (public toilets etc.) (iii) Health camps & health awareness programmes (iv) Education & skill development (vocational training) (v) Agriculture livelihood enhancement activities (vi) Electrification with solar powers (vii) Plantation developments (avenue & community areas)

The subject was discussed in the SEAC meeting held on 22nd December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

This project was deferred during 266th SEAC Meeting for want of commitment about CETP and Revised EMP incorporating CETP & ZLD. The proponent has submitted replies informing that the KIADB has earmarked an area of about 9.4Acre within the Immavu industrial area to setup CETP based on zero liquid discharge and accordingly the proponent submitted revised EMP.

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

This Proposal is for development of industrial area mainly comprises of Pharmaceutical, Foundaries, Paint, Food and Soft Drinks, Food and Fruit Processing, Distilleries, Cotton Textile etc. The public hearing was conducted on 06.01.2020. Committee observed that there are some complaints with regard to improper disposal of the sewage and effluent from the existing Phase-I. The employment opportunities are not given to the land owners of the Phase-I industrial area. The proponent submitted point wise compliance to all these issues and also other general issues raised by the public during public hearing.

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

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

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority also perused the documents and it is observed that the proposed industrial area is at a distance of 1 km from Tandya and 2.5 km from Immavu Village to Kabini River. In this regard perused the replies submitted by the project proponent informing that the KIADB has earmarked an area of about 9.4Acre within the Immavu industrial area to setup CETP based on zero liquid discharge and accordingly the proponent submitted revised EMP.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

- 1. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
- 2. A time bound action plan for implementation of proposed CER activities as a part of EMP.*
- 3. The issues which have been raised during Public Hearing shall be addressed by project proponent.*
- 4. The proposed industrial area is at a distance of 1 km from Tandya and 2.5 km from Immavu Village to Kabini River. Therefore, the PP shall take at-most care in handling effluents since the river is in close proximity of the project site.*

209.2. Recommended by SEAC for issue of TOR**Construction Projects:**

- 209.2.1. Expansion of Composite Housing Scheme Suryanagar Phase II Project at Sy No.45, 47/1, 50/150/2, 50/3,50/4, 51/1, 51/3, 52, 53/1, 53/2, 53/3, 53/4, 53/5, 53/6, 53/7, 53/8, 53/9, 53/10, 53/11, 168/1, 168/2, 169, 170, 171P, 175P, 176P, 177, 178, 179, 180, 181/1, 181/2, 181/3, 181/4, 181/5, 181/6, 182/1, 182/2, 182/3, 183, 185/1, 185/2A, 185/2B, 185/3, 186, 187, 188/1, 188/2, 188/3, 189, 190, 191/1, 191/2, 191/3, 191/4, 191/5, 192P, 193, 194/1, 194/2, 194/3, 194/4, 201/1, 201/2, 201/3, 202, 203, 204, 205, 206/1, 206/2, 206/3, 206/4, 207/1, 207/2, 7/1, 7/2, 8P, 9P, 10/1, 10/2, 10/3, 11/1, 11/2, 12P, 13/2P, 14, 15/1, 15/2, 18, 19, 20, 21P, 22P, 23P, 24/1P, 24/3, 24/4, 24/5, 27, 28/1, 28/2, 29/2,30/1, 30/2, 30/3, 31/1, 31/2, 31/3, 31/4, 32/1, 32/2, 32/3, 32/4, 32/5, 222, 223/1, 223/2, 223/3, 223/4, 224, 227/1, 227/2, 228/1, 228/2, 228/3, 229, 230, 231/1, 231/2, Suryanagar Phase II, Rajapura Village, Jigani Hobli, Anekal Taluk, Bangalore District by M/s. Karnataka Housing Board - Online Proposal No. SIA/KA/MIS/67207/2021 (SEIAA 124 CON 2021)**

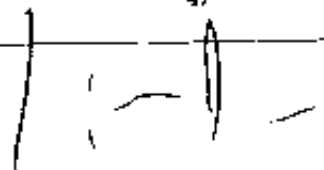
M/s. Karnataka Housing Board have proposed Expansion of Composite Housing Scheme Suryanagar Phase II Project at Suryanagar Phase II, Rajapura Village, Jigani Hobli, Anekal Taluk, Bangalore District.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion of area development project by Karnataka Housing Board for which initial EC was issued by SEIAA on 03/10/2013 and Corrigendum to EC was issued by SEIAA on 09/08/2021 for development of an area of 754Acres 22Guntas. The proponent (Executive Engineer KH8) informed the committee that the area proposed for layout development is 187Acres 8Guntas out of which an area of 169Acres 4Guntas only is considered for development as there is litigation pending in the Hon'ble High Court of Karnataka for some area and some more area is reserved for future development. He further informed the committee, that area under litigation and area for future development is not proposed in the current expansion.

The Committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs,

1. Certified Compliance Report from MoEF&CC for earlier EC conditions.
2. Provisions for providing in-house treatment plant for handling sewage generated and a scheme for utilizing maximum treated sewage water to reduce the demand on fresh water, so as to achieve zero discharge.(considering Phase I & II)



3. Provisions for scientific handling and processing of the entire organic waste in bio-digester plant and a scheme to convert waste to energy plant to process the entire organic waste generated within the proposed site area and also to process the inorganic waste within the project site.(considering Phase I & II)
4. Quantity of Bio-medical waste, Hazardous waste, e-waste generated and its handling should be detailed.(considering Phase I & II)
5. Provisions for providing minimum area of thirty three percent as per the norms for green belt development on mother earth in the proposed project and to enumerate and submit the details of existing trees, trees proposed to be felled, retained, grown,transplanted with details of tree species.
6. Detailed Traffic study in and around the proposed project area and methods of management (considering Phase I & II)
7. Details of nalas, water bodies, kharab details and the position of the project area on the village survey map and a coloured concept plan leaving suitable buffers as per the by-laws.
8. Quality of nearby lakes, water and its rejuvenation plan to be detailed.
9. Ground water potential and level in the study area.
10. Details of total water demand during operation phase with source of water during rainy seasons and non-rainy seasons.
11. Rain water harvesting with respect to annual rainfall by creating artificial ponds and other effective methods of rain water harvest along with details for management of excess storm during flooding.
12. Surface hydrological study of surrounding area to be carried out; and the carrying capacity of the natural nalas to be worked out in order to ascertain the adequacy of the carrying capacity of the nalas.
13. Provisions for e-vehicle charging stations.
14. Sampling locations shall be as per standard norms.
15. Management plan to utilize the entire earth within the project site.
16. Activities that would be taken up should be detailed in physical terms and included as part of EMP.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

1. *The PP shall conduct baseline Biodiversity/ Ecological studies in the proposed project site including species abundance, diversity along with validation of ground truth.*



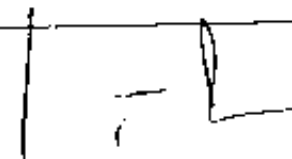
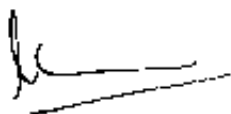
209.2.2. Revision & Expansion of Residential Apartment Project at Akalenahalli - Mallenahalli Villages, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District by M/s. ONE BANGALORE LUXURY PROJECTS LLP - Online Proposal No. SIA/KA/MIS/61335/2021 (SEIAA 32 CON 2021)

M/s. One Bangalore Luxury Projects Llp have proposed for Revision & Expansion of Residential Apartment Project at Akalenahalli - Mallenahalli Villages, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion for which earlier EC was issued by MoEF & CC on 30/05/2018 for plot area of 193.40Acres and BUA of 13,01,186.50Sqm and now had proposed for reduction in plot area and increase in BUA. The proposal was initially considered in 261st SEAC meeting held on 27/05/2021 and the committee had deferred the proposal as the proponent had not come up with details for the source of water for operational phase. In the present meeting the proponent informed the committee regarding source of water and the committee noted the reply and decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs.

1. Recent compliance report for earlier EC conditions from MoEF&CC.
2. Detailed management of water demand during construction and operation phases during rainy and non-rainy seasons (considering worst case scenario), along with NOC from the concerned authorities and competitive users study should be submitted.
3. Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural nalas to be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
4. Study ground water potential and level in the study area, along with methods for improvising the same using 3D modeling of aquifer and community recharge interventions.
5. Quality of nearby lake water and its rejuvenation plan to be detailed.
6. Rain water harvesting with respect to annual rainfall in tanks/sumps/ponds from roof top and open/paved areas with effective methods of harvesting and re-using rain water within site by providing artificial ponds along with management of excess storm water.
7. Details of nalas, water bodies, kharab details and its position on the combined village survey map with reference to project area and in the concept plan clearly leaving suitable buffers as per by-laws.
8. Carbon foot print study to be conducted for construction stage and operation stage, with steps to minimize footprint and bring it close to zero.



9. Details on engineering measures to help sustainability and renewal energy utilization at site.
10. Detailed techno-feasibility for carbon capture technology implementation to reduce carbon footprint.
11. Provisions for providing in-house treatment plant for handling sewage generated and a scheme for utilizing maximum treated sewage water so as to reduce the demand on fresh water to achieve zero discharge.
12. Provisions for scientific handling and processing the entire organic waste in bio-digester plants and scheme for waste to energy plant to process the entire organic waste generated within the proposed site area and also to process the inorganic waste within the project site.
13. Quantity of Bio-medical waste, Hazardous waste, e-waste generated and its handling should be detailed.
14. Details of proposed hospital area as per CPCB guidelines.
15. Implementation of Green building concept, utilization of the entire terrace for solar power generation and other methods for power savings provision for electric vehicle charging facility for the proposed project should be detailed.
16. Provisions for providing maximum area for green belt development on mother earth in the proposed project and to enumerate and submit the details of existing trees, trees proposed to be felled, retained, grown, transplanted with details of tree species.
17. Compliance to Karnataka ECBC guidelines and incorporation of NCB for proposed project should be detailed.
18. FAR and parking provisions with reference to local zoning authorities should be defined along with provisions for e-vehicle charging stations.
19. Detailed Traffic study with respect to proposed expansion and methods of improvising.
20. Management plan to utilize the entire earth within project site.
21. Sampling locations shall be as per standard norms.
22. Height clearance from competent authority.
23. Activities to be taken up under CSR & CER should be detailed out in physical terms with consent letters from concerned authorities (in respect to development of approach roads, lake development, afforestation, schools, rain water recharge) and included as part of EMP.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

The PP shall submit a detailed comparative statement of all environmental attributes w.r.to earlier EC and the proposed project details.


Industry Projects:

209.2.3. Cement Grinding Unit Project at Lokapur Taluk, Mudhol, Bagalkot District by M/s. SLV CEMENTS LIMITED - Online Proposal No. SIA/KA/IND/62094/2021 (SEIAA 55 IND 2021)

M/s. SLV CEMENTS LIMITED have applied for Environmental clearance from SEIAA for Cement Grinding Unit Project at Lokapur Taluk, Mudhol, Bagalkot District.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Shiv Kumar Malagaon, M/s.SLV CEMENTS LIMITED Lokapur Tq. Mudhol, Dist. Bagalkot, Karnataka - 587313
2	Name & Location of the Project	M/s.SLV CEMENTS LIMITED Lokapur Tq. Mudhol, Dist. Bagalkot, Karnataka - 587313
3	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Sl. No. 3(b) of the schedule of EIA Notification.
4	New/ Expansion/ Modification/ Product mix change	New
5	Plot Area (Sq.m)	89,068.8
6	Component of developments	Standalone Grinding Unit to manufacture cement
7	Project cost (Rs. In crores)	50.19
8	Details of Land Use (Sq.m)	
	a. Built up area	52506Sq.m. (58.95%)
	b. Parking	7170.0sq.m (08.05%)
	f. Green belt	29,392.7 Sq.mt. (33%)
	g. Others Specify (Garden Area)	4462.3sq.m (05.01%)
	h. Total	89,068.8sqm
9	Products and By- Products	Cement -1,000TPD

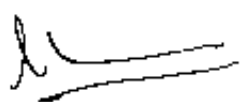
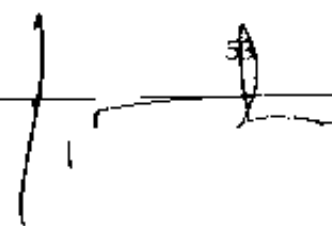
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	with quantity (enclose as Annexure if necessary)		
10	Raw material with quantity and their source (enclose as Annexure if necessary)	Raw Material	Quantity(TPA)
		Clinker	169,000 (64%)
		Gypsum	3000 (4%)
		Fly ash	84,500 (32%)
11	Mode of transportation of Raw material and storage facility	Railway - Bagalkote Railway station - 40 kms Storage -1. Clinker Silo: 1X 150 Tonnes Cement: 2 X 50 Tonnes	
12	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	NA	
13	Fly ash production, storage and disposal details whereas coal is used as fuel	NA	
14	Details of Plant and Machinery with capacity/ Technology used	Clinker Silo, VRM Mill Cement Silo	
15	WATER		
I.	Construction Phase		
a.	Source of water	Ground Water	
b.	Quantity of water for Construction in KLD	10.5	
c.	Quantity of water for Domestic Purpose in KLD	15 KLD	
d.	Waste water generation in KLD	0.8KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Soak pit and Septic tank	
II	Operational Phase		
a.	Source of water	Water requirement will be met from Borewell	
b.	Total Requirement of Water in KLD	Fresh	25KLD
		Recycled	-
		Total	25KLD
c.	Requirement of water for industrial purpose / production in KLD	Fresh	-
		Recycled	-
		Total	-
e.	Waste water generation in KLD	Industrial effluent	-
		Total	100KLD
f.	ETP/ STP capacity	Not applicable	
g.	Technology employed for Treatment	Domestic Soak pit and septic tank	

16	Infrastructure for Rain water harvesting	Rainwater harvesting structure will be created for recharging rain water during monsoon
17	Air Pollution	
	a. Sources of Air pollution	Sources emission from VRM and Fugitive emission from operations
	b. Composition of Emissions	Major pollutants from the processes are dust depending upon grinding of fly ash and clinker
	c. Air pollution control measures proposed and technology employed	<ul style="list-style-type: none"> • PTFE micro fiber Bag type Dust collector, Closed type with Dust collector & adequate Stack/Chimney as per KSPCB norms will be provided. • DG set will be used as stand-by power supply unit. • Periodic check and maintenance of vehicles will be done. • Strengthening of Green belt Development (33%).
18	Noise Pollution	
	a. Sources of Noise pollution	Noise Level from DG sets and Vehicular Movement
	b. Expected levels of Noise pollution in dB	75
	c. Noise pollution control measures proposed	Acoustic enclosures provided for existing DG Sets. Traffic management measures will be adopted. Green belt Development PPE facilities (like earplugs) will be provided
19	WASTE MANAGEMENT	
	I. Operational Phase	
	a. Quantity of Solid waste generated per day and their disposal	No waste water will be generated from the plant. Domestic sewage of 1.35KLD will go to Chemical Toilet
20	POWER	
	a. Total Power Requirement in the Operational Phase with source	2000 KVA from state grid
	b. Numbers of DG set and capacity in KVA for Standby Power Supply	1X600 KVA DG SETS
	c. Details of Fuel used with	Electrical power shall be used for running the

	purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	VRM Mill and source from Grid.
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Panels will be used. Energy Savings estimated is 25%.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard TORs and following additional TORs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for setting up of 1000 TPD cement grinding unit. Committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. The mitigative measures to control dust pollution, fugitive emission should be detailed.
2. Land conversion documents and land documents in the name of proponent should be submitted.
Transportation details of raw materials and finished materials should be submitted. Handling and transportation of ash should be detailed.

The Authority perused the proposal and took note of the recommendation of SEAC.

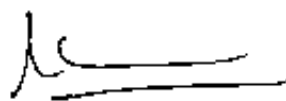
The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

1. *The PP shall conduct baseline Biodiversity/ Ecological studies in the proposed project site including species abundance, diversity along with validation of ground truth.*

209.2.4. Setting up of Municipal Solid Waste Management Facility (MSWMF) at Sy No. 190/3 of Kurugodu Village, Kurugodu Taluk, Ballari District by TOWN MUNICIPAL COUNCIL KURUGODU - Online Proposal No. SIA/KA/MIS/69180/2021 (SEIAA 58 IND 2021)

TOWN MUNICIPAL COUNCIL KURUGODU have applied for Environmental clearance from SEIAA for Setting up of Municipal Solid Waste Management Facility (MSWMF) at Sy No. 190/3 of Kurugodu Village, Kurugodu Taluk, Ballari District.



The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard TORs and following additional TORs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for Setting up of Municipal Solid Waste Management Disposal Facility for solid waste of 14.5 TPD in an area of 6-00 acres.

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

1. Micro level plan for segregation of waste generated may be detailed.
2. Concept plan clearly marking the inert waste landfill, DWCC, Organic waste treatment facility, Green belt etc.
3. Detailed plan for collection and transportation including vehicle allotment or vehicle synchronization with respect to quantity of waste collection and leachate management.
4. Time and motion study may be carried out for collection and transportation of vehicles.
5. Examining the options for closure and rehabilitation of old dumps in accordance with clause J of schedule I to the Solid Waste Management Rules, 2016.
6. Compliance to the NGT order vide O A No. 606/2018 dated 20.08.2018 and SWM Rules, 2016.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

1. *The PP shall conduct baseline Biodiversity/ Ecological studies in the proposed project site including species abundance, diversity along with validation of ground truth.*
2. *The PP shall also conduct study on vegetation*
3. *The PP shall submit report on Archaeological structures if any.*

Mining Projects:

209.2.5. **Pink Granite Quarry Project at Sy. Nos. 33/2, 33/3, & 33/4 of Bandaragal Village, Kushtagi Taluk, Koppal District (17-37 Acres) by SRI. SHRENİK KUMAR - Online Proposal No. SIA/KA/MIN/68146/2021 (SEIAA 548 MIN 2021)**

Sri. Shrenik Kumar have applied for Environmental clearance from SEIAA for quarrying of Pink Granite Quarry Project at Sy. Nos. 33/2, 33/3, & 33/4 of Bandaragal Village, Kushtagi Taluk, Koppal District (17-37 Acres)

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a renewal proposal for quarrying in patta land. Earlier the lease was granted on 14.11.1997 for 10 years in an area of 19-32 Acres and now the proposal is for 17-37 Acres. The proponent informed that he will submit the revised C&I Notification for 17-37 Acres at the time of submission of EIA report. As the lease area is 17-37 Acre, which is more than the threshold limit of 3Ha, the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Forest NOC clearly mentioning that the project area is outside deemed forest should be submitted.
2. C&I Notification & audit report should be submitted.
3. Cumulative pollution load taking into account the cluster should be submitted.
4. Details regarding handling waste should be submitted.
5. Strengthening of the approach road to the quarry & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

Drafted by ka

209.2.6. Ordinary Sand Quarry Project at Sy. Nos. 56/1 & 56/4 of Kolar Village, Koppal Taluk & District (6-10 Acres) by SRI MUREGAPPA HONNAKERI – Online Proposal No. SIA/KA/MIN/68082/2021 (SEIAA 547 MIN 2021)

Sri Muregappa Honnakeri have applied for Environmental clearance from SEIAA for quarrying of Ordinary Sand Quarry Project at Sy. Nos. 56/1 & 56/4 of Kolar Village, Koppal Taluk & District (6-10 Acres).

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

The proponent has obtained NOCs from Forest, Revenue and from Ground water Dept.. The lease was approved by District Task Force on 20.04.2021. The lease area is at a distance of 58 mts from Hire Halla.

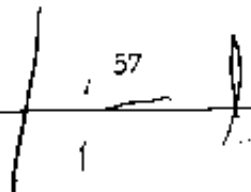
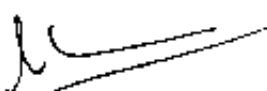
As per the cluster sketch certified by DMG there are 2 leases including this lease and the total area of these leases is 18-18 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

- 1) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 2) C&I Notification should be submitted.
- 3) Joint inspection report should be submitted.
- 4) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 5) Collective community development projects under CER should be detailed.
- 6) Reclamation study and Environmental Monitoring plan after the quarrying period should be detailed
- 7) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed.
- 8) Cluster sketch to be detailed.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.



Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.7. Building Stone Quarry Project at Sy. Nos. 8/3, 8/6, 4/1, 4/2, 4/11, 4/3 of Vajrabanadi Village, Yalburga Taluk, Koppal District (12-00 Acres) by M/s. Sri Sairam Stone Crushers - Online Proposal No. SIA/KA/MIN/68369/2021 (SEIAA 635 MIN 2021)

M/s. Sri Sairam Stone Crushers have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Sy. Nos. 8/3, 8/6, 4/1, 4/2, 4/11, 4/3 of Vajrabanadi Village, Yalburga Taluk, Koppal District.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a new proposal for quarrying of building stone in patta land. The proponent has obtained Forest and Revenue NOC. The lease was notified on 13.07.2021. As per the cluster sketch there are 5 leases within 500 meter radius including the subject lease and the total area of all these leases is 28-38 Acres. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Strengthening of the approach road & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.8. Ordinary Sand Quarry Project at Sy. No. 53(Part) of Kolar Village, Koppal Taluk & District (6-00 Acres) by SRI RAMAREDDDEPPA - Online Proposal No. SIA/KA/MIN/68782/2021 (SEIAA 593 MIN 2021)

Sri Ramaredddeppa have applied for Environmental clearance from SEIAA for quarrying of Ordinary Sand Quarry Project at Sy. No. 53(Part) of Kolar Village, Koppal Taluk & District

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

The proponent has obtained NOCs from Forest and Revenue Department. The lease was approved by District Task Force on 29.11.2019. The lease area is at a distance of 70 mts from Hire Halla.

As per the cluster sketch certified by DMG there are 2 leases including this lease and the total area of these leases is 18-08 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The Committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

- 1) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 2) C&I Notification should be submitted.
- 3) Joint inspection report should be submitted.
- 4) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 5) Collective community development projects under CER should be detailed.
- 6) Reclamation study and Environmental Monitoring plan after the quarrying period should be detailed
- 7) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.9. Thuduru Sand Block - 01 Project at Sy. No. 15 of Thuduru Village, Thirtalli Taluk, Shivamogga District (12-00 Acres) by M/s.Karnataka State Minerals Corporation Limited - Online Proposal No. SIA/KA/MIN/68965/2021 (SEIAA 600 MIN 2021)

M/s Karnataka State Minerals Corporation Limited have applied for Environmental clearance from SEIAA for quarrying of Thuduru Sand Block - 01 Project at Sy. No. 15 of Thuduru Village, Thirtalli Taluk, Shivamogga District.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for ordinary sand quarrying in Tunga River Bed. The lease was notified on 28.12.2020. As per the cluster sketch certified by DMG there are 3 leases including this lease and the total area of these leases is 26-00 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

- 1) As mentioned in the preamble of 267th SEAC Meeting proceedings, Sl. no. 1 to 3 of the Sustainable Sand Mining Guidelines-2016 and Sl.No. 1 to 10 of the Enforcement & Monitoring Guidelines for Sand Mining-2020 should be studied and fulfilled.
- 2) NOC from Irrigation Department/ Neeravari Nigam/ Competent Authority and Joint Inspection Report must be submitted.
- 3) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 4) Forest NOC should be submitted.
- 5) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 6) Replenishment study as per Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 7) Collective community development projects under CER should be detailed.
- 8) Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
- 9) Production plan needs to be based on replenishment study.
- 10) The Cross section survey should cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
- 11) Environmental Monitoring plan after the quarrying period should be detailed

- 12) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed
- 13) The specific gravity of the material needs to be ascertained by analyzing the sample from NABL accredited lab.

The Project Proponent shall detail the impact of sand quarrying on the characteristics of the physical habitat of the stream/river bed including bed elevation, substrate composition and stability, in stream elements, depth, velocity, turbidity, sediment transport, stream discharge, temperature etc. and biological elements such as aquatic flora and fauna and riparian study.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

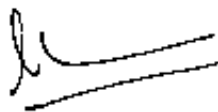
Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.10. Baggudige Sand Block - 1 Project at Sy. Nos. 5 & 28 Baggudige Village, Thirthalli Taluk, Shivamogga District (10-00 Acres) by M/s.Karnataka State Minerals Corporation Limited - Online Proposal No. SIA/KA/MIN/68967/2021 (SEIAA 601 MIN 2021)

M/s Karnataka State Minerals Corporation Limited have applied for Environmental clearance from SEIAA for quarrying of Baggudige Sand Block - 1 Project at Sy. Nos. 5 & 28 Baggudige Village, Thirthalli Taluk, Shivamogga District (10-00 Acres)

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for ordinary sand quarrying in Tunga River Bed. The lease was notified on 28.12.2020. As per the cluster sketch certified by DMG there are 3 leases including this lease and the total area of these leases is 30-00 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.



The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

- 1) As mentioned in the preamble of 267th SEAC Meeting proceedings, Sl. no. 1 to 3 of the Sustainable Sand Mining Guidelines-2016 and Sl. No. 1 to 10 of the Enforcement & Monitoring Guidelines for Sand Mining-2020 should be studied and fulfilled.
- 2) NOC from Irrigation Department/ Neeravari Nigam/ Competent Authority and Joint Inspection Report must be submitted.
- 3) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 4) Forest NOC should be submitted.
- 5) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 6) Replenishment study as per Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 7) Collective community development projects under CER should be detailed.
- 8) Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
- 9) Production plan needs to be based on replenishment study.
- 10) The Cross section survey should cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
- 11) Environmental Monitoring plan after the quarrying period should be detailed
- 12) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed
- 13) The specific gravity of the material needs to be ascertained by analyzing the sample from NABL accredited lab.
- 14) The Project Proponent shall detail the impact of sand quarrying on the characteristics of the physical habitat of the stream/river bed including bed elevation, substrate composition and stability, in stream elements, depth, velocity, turbidity, sediment transport, stream discharge, temperature etc. and biological elements such as aquatic flora and fauna and riparian study.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as

recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.11. Dabbanagadde Sand Block - 05 Project at Sy. No. 4 of Bhadrarajapura Village, Thirthalli Taluk, Shivamogga District (12-00 Acres) by M/s.Karnataka State Minerals Corporation Limited - Online Proposal No. SIA/KA/MIN/68968/2021 (SEIAA 602 MIN 2021)

M/s Karnataka State Minerals Corporation Limited have applied for Environmental clearance from SEIAA for quarrying of Dabbanagadde Sand Block - 05 Project at Sy. No. 4 of Bhadrarajapura Village, Thirthalli Taluk, Shivamogga District

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for ordinary sand quarrying in Tunga River Bed. The lease was notified on 28.12.2020. As per the cluster sketch certified by DMG there are 2 leases including this lease and the total area of these leases is 24-00 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

- 1) As mentioned in the preamble of 267th SEAC Meeting proceedings, Sl. no. 1 to 3 of the Sustainable Sand Mining Guidelines-2016 and Sl. No. 1 to 10 of the Enforcement & Monitoring Guidelines for Sand Mining-2020 should be studied and fulfilled.
- 2) NOC from Irrigation Department/ Neeravari Nigam/ Competent Authority and Joint Inspection Report must be submitted.
- 3) Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
- 4) Forest NOC should be submitted.
- 5) Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 6) Replenishment study as per Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
- 7) Collective community development projects under CER should be detailed.

- 8) Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
- 9) Production plan needs to be based on replenishment study.
- 10) The Cross section survey should cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
- 11) Environmental Monitoring plan after the quarrying period should be detailed
- 12) Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed
- 13) The specific gravity of the material needs to be ascertained by analyzing the sample from NABL accredited lab.
- 14) The Project Proponent shall detail the impact of sand quarrying on the characteristics of the physical habitat of the stream/river bed including bed elevation, substrate composition and stability, in stream elements, depth, velocity, turbidity, sediment transport, stream discharge, temperature etc. and biological elements such as aquatic flora and fauna and riparian study.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.


Additional ToRs by SEIAA

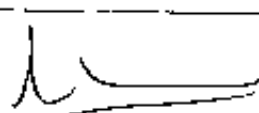
Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.12. Siddlipura Sand Block Project at Sy No. 99, 100, 107 & 108 of Siddlipura Village, Tarikere Taluk, Chikkamagaluru District (17-27 Acres) by M/s.Karnataka State Minerals Corporation Limited - Online Proposal No. SIA/KA/MIN/68971/2021 (SEIAA 603 MIN 2021)

M/s Karnataka State Minerals Corporation Limited have applied for Environmental clearance from SEIAA for quarrying of Siddlipura Sand Block Project at Sy No. 99, 100, 107 & 108 of Siddlipura Village, Tarikere Taluk, Chikkamagaluru District

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

Drafted by 



This is a proposal for ordinary sand quarrying in Tunga River Bed. The lease was notified on 10.08.2020. The proposed lease area is 17-27 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

1. As mentioned in the preamble of 267th SEAC Meeting proceedings, Sl. no. 1 to 3 of the Sustainable Sand Mining Guidelines-2016 and Sl. No. 1 to 10 of the Enforcement & Monitoring Guidelines for Sand Mining-2020 should be studied and fulfilled.
2. NOC from Irrigation Department/ Neeravari Nigam/ Competent Authority and Joint Inspection Report must be submitted.
3. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
4. Forest NOC should be submitted.
5. Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
6. Replenishment study as per Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
7. Collective community development projects under CER should be detailed.
8. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
9. Production plan needs to be based on replenishment study.
10. The Cross section survey should cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
11. Environmental Monitoring plan after the quarrying period should be detailed
12. Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed
13. The specific gravity of the material needs to be ascertained by analysing the sample from NABL accredited lab.
14. The Project Proponent shall detail the impact of sand quarrying on the characteristics of the physical habitat of the stream/river bed including bed elevation, substrate composition and stability, in stream elements, depth, velocity, turbidity, sediment transport, stream discharge, temperature etc. and biological elements such as aquatic flora and fauna and riparian study.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.13. Bommalapura Sand Block Project at Sy. Nos. 80 & 89 Bommalapura Village, Koppa Taluk, Chikkamagaluru District (13-00 Acres) by M/s.Karnataka State Minerals Corporation Limited - Online Proposal No. SIA/KA/MIN/68972/2021 (SEIAA 604 MIN 2021)

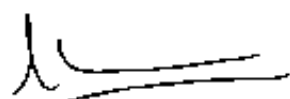
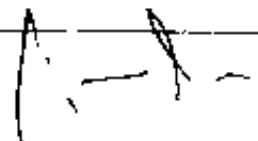
M/s.Karnataka State Minerals Corporation Limited have applied for Environmental clearance from SEIAA for quarrying of Bommalapura Sand Block Project at Sy. Nos. 80 & 89 Bommalapura Village, Koppa Taluk, Chikkamagaluru District (13-00 Acres)

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for ordinary sand quarrying in Tunga River Bed. The lease was notified on 10.08.2020. The proposed lease area is 13-00 Acres, which is more than the threshold limit of 5 Ha. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs along with the following additional TORs to conduct EIA studies with public hearing.

1. As mentioned in the preamble of 267th SEAC Meeting proceedings, Sl. no. 1 to 3 of the Sustainable Sand Mining Guidelines-2016 and Sl. No. 1 to 10 of the Enforcement & Monitoring Guidelines for Sand Mining-2020 should be studied and fulfilled.
2. NOC from Irrigation Department/ Neeravari Nigam/ Competent Authority and Joint Inspection Report must be submitted.
3. Approach road strengthening works (Cement Concrete Road) should be detailed and submitted.
4. Forest NOC should be submitted.
5. Provisions made as per the sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.

6. Replenishment study as per Enforcement & Monitoring Guidelines for Sand Mining 2020 should be detailed.
7. Collective community development projects under CER should be detailed.
8. Quarry plan need to get approved as per Sustainable sand mining, KMMCR 1994 and amended rules.
9. Production plan needs to be based on replenishment study.
10. The Cross section survey should cover minimum distance of 1.0 KM upstream and 1.0 KM downstream.
11. Environmental Monitoring plan after the quarrying period should be detailed
12. Monitoring of Stockyard and transportation as per Enforcement & Monitoring Guidelines-2020 for sand mining should be detailed
13. The specific gravity of the material needs to be ascertained by analyzing the sample from NABL accredited lab.
14. The Project Proponent shall detail the impact of sand quarrying on the characteristics of the physical habitat of the stream/river bed including bed elevation, substrate composition and stability, in stream elements, depth, velocity, turbidity, sediment transport, stream discharge, temperature etc. and biological elements such as aquatic flora and fauna and riparian study.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.14. Chetnahalli Building Stone Quarry Project at Sy No. 35/B of Chetnahalli Village, Harapanahalli Taluk, Ballari District (1-51 Acres) by SRI NAGARAJ NAIK - Online Proposal No. SIA/KA/MIN/68983/2021 (SEIAA 626 MIN 2021)

Sri. Nagaraj Naik have applied for Environmental clearance from SEIAA for quarrying of Chetnahalli Building Stone Quarry Project at Sy No. 35/B of Chetnahalli Village, Harapanahalli Taluk, Ballari District.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a new proposal for quarrying of building stone in patta land. The proponent has obtained Revenue NOC and Land conversion order. The lease was notified on 25.02.2021. As per the cluster sketch there are 24 leases within 500 meter radius including the subject lease and the total area of all these leases is 47.45 Acres. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Forest NOC mentioning about deemed forest should be submitted.
4. Strengthening of the approach road & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.15. Building Stone Quarry Project at Sy. No. 35(P) of Thimlapura Village, Harappanahalli Taluk, Vijayanagara District (2-00 Acres) by Sri SR. MALLIKARJUNAPPA H N - Online Proposal No. SIA/KA/MIN/69073/2021 (SEIAA 627 MIN 2021)

Sri Mallikarjunappa H N have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Sy. No. 35(P) of Thimlapura Village, Harappanahalli Taluk, Vijayanagara District (2-00 Acres).

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a new proposal for quarrying of building stone in patta land. The proponent has obtained Revenue NOC and Land conversion order. The lease was notified on 11.08.2017. As per the cluster sketch there are 15 leases within 500 meter radius including the subject lease and the total area of all these leases is 43-00 Acres. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Forest NOC mentioning about deemed forest should be submitted.
4. Strengthening of the approach road & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.16. Building Stone Quarry Project at Sy. No 59 of Sulivara Village, Bangalore South Taluk, Bangalore Urban District (2-15 Acres) by Sri Hanumappa - Online Proposal No. SIA/KA/MIN/69218/2021 (SEIAA 634 MIN 2021)

Sri Hanumappa have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry Project at Sy. No 59 of Sulivara Village, Bangalore South Taluk, Bangalore Urban District

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional TORs and the extract of the proceedings of the Committee meeting is as below:

This is a new proposal for quarrying of building stone in patta land. The proponent has obtained Revenue NOC and Land conversion order. The lease was notified on 19.02.2021. As per the cluster sketch there are 21 cases within 500 meter

radius including the subject lease and the total area of all these leases is 64-22 Acres. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Forest NOC mentioning about deemed forest should be submitted.
4. Strengthening of the approach road & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.17. Jiginahalli Manganese Mine" project at Jiginahalli village, Sandur Taluk, Bellary District (22.45 Ha) by of M/s. Marwa Mining Company (SEIAA 655 MIN 2021)

M/s. Marwa Mining Company have applied for Environmental clearance from SEIAA for quarrying of Jiginahalli Manganese Mine" project at Jiginahalli village, Sandur Taluk, Bellary District (22.45 Ha)

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Marwa Mining Company D. No. 687, umarManzil, Kudligi, Bellary District, Karnataka - 583135.
2	Name & Location of the Project	"Jiginahalli Manganese Mine" of M/s. Marwa Mining Company, Jiginahalli village, Sandur Taluk, Bellary District,
3	Type of Mineral	Jiginahalli Manganese Mine

4	New / Expansion / Modification / Renewal	Existing Mining lease / Expansion of production (M.L. No. 2482)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	ForestLand
6	Area in Ha	22.45 Ha
7	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to common public places
	2 nd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	3 rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	4 th	Health camp in nearby community places
	5 th	Conducting E-waste drive campaigns in the nearby localities
8	EMP Budget	Rs.30.61 lakhs (Capital Cost) &Rs. 23.76 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for manganese ore mining for production capacity of 0.2688 MTPA. Earlier the lease was granted on 21.03.2005 for 20 years w.c.f 06.09.2000 in the name of Sri VNK Menon. The proponent informed that he will submit the mining lease vesting order issued by CEC & approved R&R plan at the time of submission of EIA Report. Mining plan was approved on 02.04.2008 and proponent informed that he will submit the latest mining plan approved by IBM at the time of submission of EIA Report.

The committee after discussion decided to recommend the proposal to SEIAA for issue of standard ToRs along with following additional ToRs with public hearing.

1. Approved vesting order by CEC and approved R&R plan should be submitted.
2. Latest mining plan approved by IBM should be submitted.
3. Copy of the earlier E.C. and certified compliance by MoEF&CC to earlier E.C. condition should be submitted.
4. Waste handling and dust pollution measures should be detailed.
5. Forest clearance for the total land area of 22.45 Ha should be submitted.
6. Forest NOC mentioning that the project area lies outside the sensitive zone of wildlife areas and that it is not in any deemed forest should be submitted.

7. Strengthening of the approach road to the mining area as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.18. Building Stone M-Sand Quarry Project at Sy. No. 188(P) of Marle Village, Chikkamagaluru Taluk & District (7-00 Acres) by Sri K.S. Shanthegowda - Online Proposal No. SIA/KA/MIN/69662/2021 (SEIAA 651 MIN 2021)

Sri K.S. Shanthegowda have applied for Environmental clearance from SEIAA for quarrying of Building Stone M-Sand Quarry Project at Sy. No. 188(P) of Marle Village, Chikkamagaluru Taluk & District

The subject was discussed in the SEAC meeting held on 20th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a new proposal for quarrying of building stone in Govt land. The proponent has obtained Revenue NOC. The lease was notified on 13.11.2019. As per the cluster sketch there are 9 leases within 500 meter radius including the subject lease and the total area of all these leases is 26-10Acres. Hence the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TORs and following additional TORs to conduct EIA studies along with public hearing.

1. Cumulative pollution load taking into account of cluster should be submitted.
2. Waste handling details should be submitted.
3. Forest NOC mentioning that the project area lies outside the sensitive zone of wildlife areas and that it is not in any deemed forest should be submitted.
4. Strengthening of the approach road & road connecting the crusher as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.

209.2.19. Rajapur Iron ore Mine Project at Sy. No. 2514 of Rajapura Village, Sandur Taluk, Bellary District (61-33 Acres) by M/s. K.M. Parvathamma Mines, Ballari - Online Proposal No. SIA/KA/MIN/68524/2021 (SEIAA 599 MIN 2021)

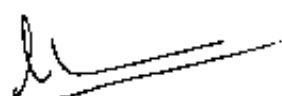
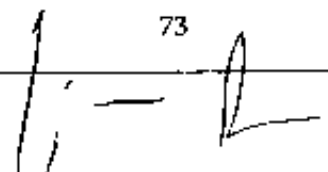
M/s. K.M. Parvathamma Mines, Ballari have applied for Environmental clearance from SEIAA for quarrying of Rajapur Iron ore Mine Project at Sy. No. 2514 of Rajapura Village, Sandur Taluk, Bellary District (61-33 Acres)

The subject was discussed in the SEAC meeting held on 20th December 2021. The Committee has recommended to SEIAA for issue of standard ToR along with additional ToRs and the extract of the proceedings of the Committee meeting is as below:

This is a proposal for iron ore mining in total area of 24.82Ha (18.22Ha-Forest land and 6.6 Ha -Govt Land), for production capacity of 0.043MTPA. Earlier the lease was granted on 23.02.2006 for 20 years w.e.f 21.09.2003. The proponent informed that he will submit the mining lease vesting order issued by CEC & approved R&R plan at the time of submission of EIA Report. Mining plan was approved on 26.11.2021

The committee after discussion decided to recommend the proposal to SEIAA for issue of standard ToRs along with following additional ToRs with public hearing.

1. Approved vesting order by CEC and approved R&R plan should be submitted.
2. Copy of the earlier E.C. and certified compliance by MoEF&CC to earlier E.C. condition should be submitted.
3. Copy of the earlier CFO should be submitted.
4. Waste handling and dust pollution measures should be detailed.
5. Forest clearance for the land area of 18.22 Ha and 6.6 Ha Govt land details should be submitted.
6. Forest NOC mentioning that the project area lies outside the sensitive zone of wildlife areas and that it is not in any deemed forest should be submitted.
7. Strengthening of the approach road to the mining area as per IRC (Indian Road Congress) standard norms.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.

Additional ToRs by SEIAA

Study on impact of additional traffic load from the proposed project on the nearest national highway with suitable mitigation measures proposed.


209.3. Reconsidered Projects:

209.3.1. Proposed Ornamental Stone (Grey Granite) Quarry Project at Mayasandra Village, Devanahalli Taluk, Bangalore Rural District (2-23 Acres) by Sri S Eshwar - Online Proposal No.SIA/KA/MIN/207455/2021 (SEIAA 180 MIN 2021).

Sri S Eshwar S/o Sri. A Subramani have applied for Environmental clearance from SEIAA for quarrying of Ornamental Grey Granite Quarry in 2-23 Acres of Govt. Gomala Land bearing Sy. No. 40, Mayasandra Village, Devanahalli Taluk & Bangalore Rural District Karnataka

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri S Eshwar S/o Sri. A Subramani, Jyothipura Grama, Koira Post, Devanahalli Taluk, Bangalore Rural District
2	Name & Location of the Project	Ornamental Grey Granite Quarry in 2-23 Acres of Govt. Gomala Land bearing Sy. No. 40, Mayasandra Village, Devanahalli Taluk & Bangalore Rural District Karnataka
3	Type Of Mineral	Ornamental Grey Granite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Gomala Land
6	Area in Ha	2-23 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	16,676 Cum/Annum (60% recovery & 40% waste)

Drafted by 

8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,62,400 Cum (60% recovery & 40% waste) waste will be utilized as building stone
10	Permitted Quantity Per Annum - Cu.m / Ton	16,676 Cum/ Annum (60% recovery & 40% waste)
11	CER Action Plan: Propose to provide Roof Top Rain Water Harvesting facility and water tank to nearby Govt. Primary School, Mayasandra Village, with an approximate cost of Rs.1,50,000.	
12	EMP Budget	Rs. 2.05Lakhs (Capital Cost) &12.50 Lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 1st September 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal was considered during the 263rd SEAC meeting held on 23rd June 2021. During the appraisal, SEAC has observed that, there is nala passing through the project site and also the project site is adjacent to the other village. To ascertain the nalas / water body, the combined village map was not been submitted by the proponent. Hence, committee decided to defer the case, and asked to resubmit modified quarry plan clearly leaving the buffer for nalas as per norms.


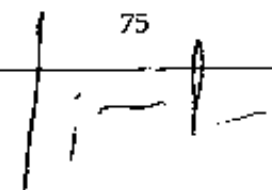
Now, the proponent has submitted combined village map, clearly marking the proposed quarry site and showing that the natural stream (Nala) is not passing through the site and requested for exemption of Modified Quarry Plan.

A complaint was received from Smt. Yashodhamma w/o late Anjinappa, Mayasandra village, Kundana Hobli, Devanahalli Taluk, Bangalore Rural District stating that for the last 30 to 40 years agriculture being carried out in the project area and the grant of land by government is under process. Also due to this mining activity the agriculture crops adjacent to the project site will be damaged and requested not to grant E.C. to this project.

Since the lease was notified by C&I Dept. and also all other NOC's were submitted by the proponent, the committee after discussion decided to appraise the project proposal. At the time of appraisal the complaint was made known to the proponent & his reply was asked for. The proponent explained that the said complaint is only to derail the process of approval for quarrying operation and said that the allegation should not be considered for grant of EC by the SEAC, which was taken note of by the committee.

The proponent has obtained NOC's from Forest and Revenue Dept. and the lease was notified by C&I Dept. on 25.01.2021.

There is an existing cart track road to a length of 0.5 Km connecting lease area to the all-weather black topped road.

As per the cluster sketch there are 11 leases including this lease within 500 meter radius, out of which 9 leases were exempted from cluster effect in view of the leases granted prior to 09.09.2013. The total area of the remaining 2 leases including the subject lease is 3-23 acres, project is categorized as B2. The Proponent has collected baseline data of air, water, soil and noise and are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent informed the approach road strengthening works will be taken up under CER activities.

Committee based on the proved quantity, estimated the life of the mine as 10 years and recommended the proposal to SEIAA for issue of EC, for annual production of 16,676Cum (60% recovery & 40% waste).

The Authority perused the proposal and took note of the recommendation of SEAC.

Further a complaint was received from Smt. Yashodhamma w/o late Anjinappa, Mayasandra village, Kundana Hobli, Devanahalli Taluk, Bangalore Rural District stating that for the last 30 to 40 years agriculture/farming activity is being carried out in the project area and the grant of land by government is under process. Also the complainant has expressed apprehension that due to this mining activity the agriculture crops adjacent to the project site will be damaged and requested not to grant E.C. to this project. The complainant has also requested SEAC to not to consider this project.

The Authority also observed that there is a court case in Devanahalli with O. S No. 246/2020 and the Status of the court case is not forthcoming. This being the case, the authority opined that it is appropriate to obtain a report of from the Deputy Commissioner and also verify the status of the said court case.

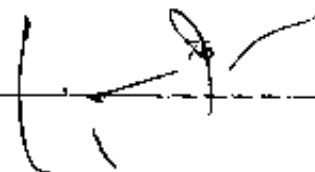

In this regard a letter has been addressed to the complainant on 04.11.2021. Accordingly, on behalf of complainant Mr. Arun Kumar (Authorised person) has attended and submitted case details filed in the Hon'ble High Court of Karnataka.

The Authority noted a Writ-petition has been filed before the Hon'ble High Court, Bengaluru (WP No: 12364/2021 (GM-MM_S)). Further details are not forthcoming.

Therefore, the Authority during the meeting held on 8th November 2021 decided to reconsider the subject after ascertaining the outcome of the above-mentioned Writ-Petition.

The Project proponent vide his letter dated 29.12.2021 has requested this Authority to kindly issue EC.

The Authority verified the documents and Authorized the Member Secretary of the Authority to address a letter to the concerned District Administration to look into the matter and submit a report on the same.



209.3.2. Building Stone Quarry Project at K.G. Jajuru Village, Nelamangala Taluk, Bangalore Rural District (3-16 Acres) by Sri Manjunath S - Online Proposal No. SIA/KA/MIN/230945/2021 (SEIAA 520 MIN 2021)

Sri S. Manjunath have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry in 3-16 Acre of Patta Land bearing Sy. No. 27/2 of K. G. Jajuru Village, Nelamangala Taluk & Bangalore Rural District

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri S. Manjunath S/o. Late K. Sriramulu Naidu, No. 14/2, 4 th Main Road, Maruthi Extension, Srirampuram, Bangalore-560021
2	Name & Location of the Project	Building Stone Quarry in 3-16 Acre of Patta Land bearing Sy. No. 27/2 of K. G. Jajuru Village, Nelamangala Taluk & Bangalore Rural District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	3-16 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,10,526 Tons/ Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.35 (Rs. 35 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	10,57,168 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	2,10,526 Tons/ Annum (Max.)
11	CER Action Plan: • Propose take up 200 nos. of additional plantation on either side of the approach road from quarry location to K. G. Jajuru Village.	
12	EMP Budget	Rs. 2.34 Lakhs (Capital Cost) & 13.80 Lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 25th October 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order on 10.08.2020. The lease was notified on 09.03.2021.

There is an existing cart track road to a length of 740 m connecting lease area to the all-weather black topped road. The proponent has informed that the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

As per the Cluster Sketch there are 3 leases within 500 meter radius, including the present lease, out of which one lease for which lease was granted prior to 09.09.2013. The total area of the remaining 2 leases including this lease is 10-16 Acres. The project is categorized as B2. The Proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent has informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 10,57,168 Tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,10,526 Tons/Annum (including waste).

The Authority perused the proposal and took note of the recommendation of SEAC during the meeting held on 14.12.2021. The Authority verified the documents and observed that as per the land conversion order the total extent converted is only for 3-00 Acres out of 3-16 Acres but the application was submitted for 3-16 Acres.

Therefore, the Authority after discussion decided to reconsider the project after receipt of the following Information:

1. *The PP shall submit clarification regarding the land conversion.*
2. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
3. *Safety measures proposed shall be submitted.*
4. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

The Project proponent have submitted the land conversion order for 3-16 Acres dated 24.07.2020 and 30.07.2020.

The Authority perused the reply submitted by project proponent and after discussion decided to issue Environmental Clearance.

209.3.3. Building Stone & Manufacturing of M-sand Quarry Project at Thippanahalli Village, Tumkur Taluk, Tumkur District (3-30 Acres) by Sri T.L. Rajendran - Online Proposal No.SIA/KA/MIN/227914/2021 (SEIAA 474 MIN 2021).

M/s. Dhanalakshmi Stone Crushers, have applied for Environmental clearance from SEIAA for quarrying of Building Stone Quarry in Sy.No. 25, 3 Acres 30 Guntas, Thippanahalli Village, Tumkur Taluk & District.

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s. Dhanalakshmi Stone Crushers, Partner : Sri. T.L. Rajendran, Adarshanagar, Tumkur Taluk & District
2	Name & Location of the Project	Building Stone Quarry in Sy.No. 25, 3 Acres 30 Guntas, Thippanahalli Village, Tumkur Taluk & District.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Govt. Kharab
6	Area in Ha	1.518
7	Annual Production (Metric Ton / Cum) Per Annum	1,53,263 Tons/ Annum (Average)
8	Project Cost (Rs. In Crores)	0.60 (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,66,317 Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	1,53,263 Tons/ Annum (Average)
11	CER Action Plan:	
	Providing street light facilities for Arakere (GP) Village.	
12	EMP Budget	Rs. 19.98 Lakhs (Capital Cost) & 8.0 Lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 21st October 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proponent has obtained NOCs from Forest and Revenue Department. The notification was obtained on 13.07.2021.

There is an existing cart track road to a length of 730 connecting lease area to the all weather black topped road. The proponent has informed that the approach road strengthening works (Cement Concrete Road) will be taken up under CER.

As per the cluster sketch there are no other leases within 500 meter radius from this lease. The area of the subject lease is 3-30 Acres and project is categorized as B2. The Proponent has collected baseline data of air, water, soil and noise and all are within the permissible limits. The proponent has informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

Considering the proved mineable reserve of 7,66,317 tones (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,263 tones/annum(including waste).

The Authority perused the proposal and took note of the recommendation of SEAC during the meeting held on 14.12.2021 . The Authority verified the documents and it is observed that production calculation page is not signed by the competent Authority and GPS reading mentioned in the quarry plan and Sketch is different.

Therefore, the Authority after discussion decided to reconsider the project after receipt of the following documents:

1. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a Certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).
2. Safety measures proposed shall be submitted.
3. A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.
4. The PP shall submit production calculation page signed by the competent Authority
5. The PP shall submit revised Sketch incorporating the exact GPS readings.

The Project proponent vide his letter dated 28.12.2021 have submitted additional information. The Authority perused the reply submitted by project proponent and after discussion decided to issue Environmental Clearance.

209.3.4. Expansion and Modification of Active Pharmaceutical Ingredients (APIS) & Intermediates Manufacturing Industry with R & D activity manufacturing industry Project at Plot Nos.33, 33A & 40 to 47 of Raichur Industrial Growth Centre, Wadloor Road, Chicksugur, Raichur District by M/s Shilpa Medicare Limited - SEIAA 50 IND 2016 - Requesting for issue of corrigendum to EC dated 28.04.2017.

Environmental clearance has been issued vide letter No. SEIAA 50 IND 2016 dated 28.04.2017 and Corrigendum dated 15.03.2018 & 16.06.2020 Expansion and Modification of Active Pharmaceutical Ingredients (APIS) & Intermediates Manufacturing Industry with R & D activity manufacturing industry Project at Plot Nos.33, 33A & 40 to 47 of Raichur Industrial Growth Centre, Wadloor Road, Chicksugur, Raichur District to M/s Shilpa Medicare Limited.

The project proponent vide letter received on 30.10.2021 requested to issue amendment to EC incorporating of condition to send part of the trade effluent to CETP at Kadachur.

The Authority perused the request made by the proponent during the meeting held on 24.11.2021 and after discussion decided to reconsider after receipt of following information,

1. The PP shall submit clarification on details of the effluent disposal.
2. The PP shall submit the present status of the ETP.

The Project proponent have submitted reply on 10.12.2021. The Authority perused the reply submitted by project proponent and after discussion decided to issue corrigendum to Environmental Clearance dated 28.04.2017.

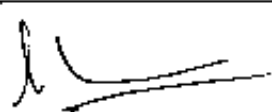
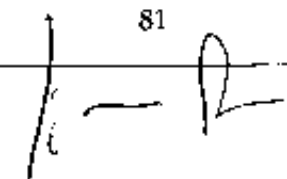
209.4. Request for Re-classification

209.4.1. Proposed "Building Stone Quarry" over an area of 3-0 Acres at Sy.No.476 in Uchangidurga Village, Harapanahalli Taluk and Davangere Districty by Sri. K.S Shivakumar(SEIAA 264 MIN 2019)

Sri. K.S Shivakumar have applied for Environmental clearance from SEIAA for quarrying of Building Stone on 1.21 Ha, Government Revenue Land Land. at Sy.No.476 in Uchangidurga Village, Harapanahalli Taluk and Davangere Districty

The subject was discussed in the SEAC meeting held on 27-6-2019. 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 proposal was placed before the committee for appraisal on 14.11.2019. 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 18-2-2019. As seen from the quarry plan there is a level difference of 7meters within the mining area and taking this into consideration and also the fact that the volume of the existing quarry pit is 49770cum the committee opined that 70% of the proposed proved quantity of 301383tons or 115917cum can be mined safely and scientifically to a quarry pit depth of 15 meters for a lease period.

As per the combined sketch prepared by DMG there are 8 leases including this lease within the 500 meter radius from this lease. The total area of these 8 leases is 17.88Acres and out of which EC appraisal process has not been completed in case of one lease with an area of 6.88 Acres and area of remaining 7 leases including this lease is 11Acres 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. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park. As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 750meter connecting lease area to all weather black topped road.As far as CER is concerned the proponent has stated, that he will earmark Rs.7.0lakhs to take up rejuvenation of Kallahalli pond which is at a distance of 1.4KM from the project site.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) Dust suppression measures have to be strictly followed.
- 3) Only registered labours should be employed.

The Authority perused the proposal and took note of the recommendation of SEAC during the meeting held on 17th December 2019.

The Authority after discussion decided to issue Environmental Clearance for extraction of 70% of the Building Stone proposed to be extracted as per approved quarry plan, subject to submission of the following information:-

- 1) Details of Mining leases and the notified areas within 500 meters from the boundary of the quarry site.
- 2) Distance of the proposed project site from the boundary of nearest National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal and if it is located within 10 Km of the said National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal then a map duly authenticated by the Chief Wildlife Warden showing the boundary from such National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal vis a vis the project location and the recommendation or comments of the Chief Wildlife Warden thereon.
- 3) An action plan with activities proposed under CER in accordance with O.M F. No.22-65/2017-IA.III dated 1st May 2018 issued by MoEF&CC, Government of

India, allocation of funds against each of the activities and the time frame within which such activities will be completed. The funds so earmarked shall be in accordance with para 6 (II) and the activities shall be in accordance with para 6 (V) of the said O.M.

The Project proponent submitted the replies vide letter dated 27.01.2020, 19.08.2020 and 24.12.2021. The Authority perused the request made by the project proponent and also observed that the PP has made the application in B1 Category. Therefore, the Authority decided to advise the project proponent to apply a fresh application in PARIVESH portal following due procedure of law. The Authority also decided to refer the file back to SEAC for reappraisal.

209.4.2. Proposed "Building Stone Quarry" over an area of 2.0 Acres at Sy.No.131/B1 in Chatnihalli village, Harapanahalli Taluk and Davangere District by M/s. Sapthagiri Stone Crusher(SEIAA 267 MIN 2019)

M/s. Sapthagiri Stone Crusher have applied for Environmental clearance from SEIAA for quarrying of Building Stone on 0.8111a, Government Revenue Land Land. at Sy.No.131/B1 in Chatnihalli village, Harapanahalli Taluk and Davangere District.

The subject was discussed in the SEAC meeting held on 27-6-2019. 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 proposal was placed before the committee for appraisal on 14.11.2019. 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 18-2-2019. As seen from the quarry plan there is a level difference of 6meters within the mining area and taking this into consideration and also the fact the existing quarry pit volume being 17401cum the committee opined that 60% of the proposed proved quantity of 129945tons or 49979cum can be mined safely and scientifically to a quarry pit depth of 15 meters for a lease period.

As per the combined sketch prepared by DMG there are 8 leases including this lease within the 500 meter radius from this lease. The total area of these 8 leases is 17.88Acres and out of which EC appraisal process has not been completed in case of one lease with an area of 6.88 Acres and area of remaining 7 leases including this lease is 11Acres 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. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park. As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 750meter connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3.0 lakhs to take up rejuvenation of Kallahalli pond which is at a distance of 1.4KM from the

project site. 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) Dust suppression measures have to be strictly followed.
- 3) Only registered labours should be employed.

The Authority perused the proposal and took note of the recommendation of SEAC during the meeting held on 17th December 2019.

The Authority after discussion decided to issue Environmental Clearance for extraction of 60% of the Building Stone proposed to be extracted as per approved quarry plan, subject to submission of the following information:-

- 1) Details of Mining leasers and the notified areas within 500 meters from the boundary of the quarry site.
- 2) Distance of the proposed project site from the boundary of nearest National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal and if it is located within 10 Km of the said National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal then a map duly authenticated by the Chief Wildlife Warden showing the boundary from such National Park/ Sanctuary/Bio sphere reserve/ migratory corridor of wild life animal vis a vis the project location and the recommendation or comments of the Chief Wildlife Warden thereon.
- 3) An action plan with activities proposed under CER in accordance with O.M F. No.22-65/2017-IA.III dated 1st May 2018 issued by MoEF&CC, Government of India, allocation of funds against each of the activities and the time frame within which such activities will be completed. The funds so earmarked shall be in accordance with para 6 (II) and the activities shall be in accordance with para 6 (V) of the said O.M.

The Project proponent submitted the replies vide letter dated 27.01.2020, 19.08.2020 and 24.12.2021. The Authority perused the request made by the project proponent and also observed that the PP has made the application in B1 Category. Therefore, the Authority decided to advise the project proponent to apply a fresh application in PARIVESH portal following due procedure of law. The Authority also decided to refer the file back to SEAC for reappraisal.

209.5. Recommended by SEAC for Closure of Proposal:

- 209.5.1. Establishment of 120 KLPD Grain Based Distillery Plant and captive power plant 2.5 MW Project at Sy. Nos. 45/1A/1, 45/1A/2, 49/4, 49/5 of Badagandi Village, Bilagi Taluk, Bagalkot District by M/s. NSP DISTILLERY PVT. LTD.
- Online Proposal No. SIA/KA/IND2/67095/2021 (SEIAA 56 IND 2021)**

M/s. NSP DISTILLERY PVT. LTD. have applied for Environmental clearance from SEIAA for Establishment of 120 KLPD Grain Based Distillery Plant and captive power plant 2.5 MW Project at Sy. Nos. 45/1A/1, 45/1A/2, 49/4, 49/5 of Badagandi Village, Bilagi Taluk, Bagalkot District.

The subject was discussed in the SEAC meeting held on 14th December 2021. The Committee has recommended to SEIAA for Closure of files and the extract of the proceedings of the Committee meeting is as below:

The original application was submitted for obtaining applied for Environmental Clearance for 120KLPD grain based distillery and 2.5MW captive power plant. However during the presentation the proponent informed that they propose for 60KLPD distillery only. The committee after discussion and deliberation decided and informed the proponent to submit a revised application. Accordingly, the committee decided to recommend the proposal to SEIAA for closure

The project Proponent vide letter dated 31.12.2021 have requested not to close the application and provide one more opportunity to resubmit by raising ADS in PARIVESH Portal. The Authority therefore decided to refer the file back to SEAC to provide one more opportunity for appraisal in accordance with the Law.

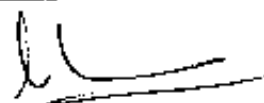
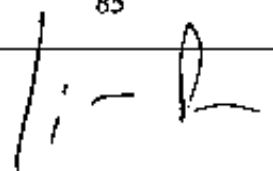
209.6. Online Pending Proposal

The following Agenda's/ Project Proposals of 200th, 204th and 208th SEIAA meeting, at the time of generation of EC couldn't go through online system. Therefore, these proposals were once again placed before the Authority for which already decision has been made during previous meetings. This being recommended by the Technical Cell of GoI, in order to generate online EC's.

These proposals were approved.

209.6.1. Residential Apartment Project at Allalassandra Village, Yelahanka Hobli, Bangalore North Taluk, Bengaluru Urban District by M/s. Vista Spaces Jakkur Residency Pvt. Ltd. -Online Proposal No. SIA/KA/MIS/223390/2021 (SEIAA 98 CON 2021) (Agenda No. 208.5.1)

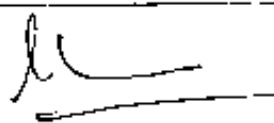
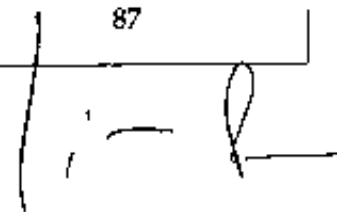
M/s. Vista Spaces Jakkur Residency Pvt. Ltd., have proposed for construction of Residential Apartment Project on a plot area of 17,704 sq m. The total built up area is 65,615.25 sq m. The proposed project consists of 4 Towers: Basement+ Ground +15 upper floors and a Club house. With 236 Flats. Total water consumption is 226 KLD (Fresh water + Recycled water). The total wastewater generated is 203 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 205 KLD. The project cost is Rs. 147 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Vista Spaces Jakkur Residency Pvt. Ltd., #11, III Floor, Diamond House, Primrose Road, Bangalore - 560 025.
2	Name & Location of the Project	"Residential Apartment Project" Municipal No. 581/1/72/79/4, Allalassandra Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore Urban District.
3	Type of development	
A	Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other	Residential Apartment project 8(a). Building & Construction project as per the EIA notification 2006 Residential
B	Residential Township/ Area Development Projects	Not Applicable
4	New / Expansion / Modification	New
a.	Water bodies/Nalas in the vicinity of the project site	Allalassandra lake at 900 m North Tertiary nala is in West
5	Plot Area (Sqm)	17,704 sq m
6	Built Up area (Sqm)	65,615.25 sq m
7	FAR	
	• Permissible	2.25
	• proposed	2.249
8	Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors]	4 Towers: Basement+ Ground +15 upper floors and a Club house.
9	Number of units in case of Construction / Residential township / Area development projects	236 flats
10	Height Clearance	Obtained form AAI, dated: 07/08/2020
11	Number of Plots in case of Residential Township/ Area Development Projects	Not applicable
12	Project Cost (Rs. In crores)	Rs: 147Cr
13	Disposal of demolition waste and or excavated earth	The total quantity of excavated soil is about 21,000 cum, landscape development 9,000 cum, backfilling 7,000 cum, & 5,000 cum of soil for paved area formation within the project site.

14	Details of Land Use (Sqm)							
a	Ground Coverage Area	5,828.22 sq m						
b	Kharab Land	Nala kharab area of 13 Guntas						
c	Total Green belt on Natural earth for projects under 8(a) of the Schedule of the EIA notification, 2006	5,871.00 sq m						
d	Internal Roads	-						
e	Paved area	5,490.53 sq m						
f	Others Specify	Road widening area - 514.25 sq m						
g	Parks and Open space in case of Residential Township/ Area Development Projects	-						
h	Total	17,704 sq m						
15	WATER							
I	Construction Phase							
a	Source of water	Tertiary treated water						
b	Quantity of water for Construction in KLD	10 KLD						
c	Quantity of water for Domestic Purpose of KLD	15 KLD						
d	Waste water generation in KLD	14 KLD						
e	Treatment facility proposed and scheme of disposal of treated water	The wastewater generated of capacity 14KLD will be treated in Mobile sewage treatment plant of 20 KLD capacity.						
II.	Operational Phase							
a	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>157 KLD</td> </tr> <tr> <td>Recycled</td> <td>69KLD</td> </tr> <tr> <td>Total</td> <td>226 KLD</td> </tr> </table>	Fresh	157 KLD	Recycled	69KLD	Total	226 KLD
Fresh	157 KLD							
Recycled	69KLD							
Total	226 KLD							
b	Source of water	BWSSB						
c	Waste water generation in KLD	203 KLD						
d	STP capacity	205 KLD						
e	Technology employed for Treatment	SBR (Sequential Batch Reactor)						
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	200 cum						
b	No's of Ground water recharge pits	17 Nos pits						
17	Storm water management plan	Separate and independent rainwater drainage system provided for collecting rainwater from paved area, lawn & roads.						
18	WASTE MANAGEMENT							
I	Construction Phase							

	a	Quantity of Solid waste generation and mode of Disposal as per norms	Total solid waste 38 kg/day. Handed over to BBMP for final disposal
	II	Operational Phase	
	a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	548kg/d will be treated in an organic waste converter.
	b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	366kg/d will be handed over to recyclers.
	c	Quantity of Hazardous Waste generation and mod of Disposal as per norms	1,000 Litres/annum will be disposed to KSPCB approved and CPCB register waste oil re-processors.
	d	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	POWER		
	a	Total Power Requirement - Operational phase	1,580 kVA will be supplied from BESCOM
	b	Number of DG set and capacity in KVA for Standby Power Supply	2 X 380 kVA and 2 x 500 kVA capacity DG sets
	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	Total savings 21.95%
20	PARKING		
	a	Parking Requirement as per norms	382Nos of cars
	b	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	'A'
	c	Internal Road width (RoW)	6 mtrs.
21	CER activities		<ul style="list-style-type: none"> • Infrastructure development in nearby schools • Health check-up camps
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation phase 		<ul style="list-style-type: none"> • Capital cost for Construction phase - Rs. 122.1 Lakhs • Capital cost for Operation phase - Rs. 69.3 Lakhs

The subject was discussed in the SEAC meeting held on 4th October 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposed project is earmarked for residential use development as per RMP of BDA. The proponent informed that as per village map there is a tertiary nala on the western side of the proposed project for which a buffer of 15mtrs has been provided for the same as per by-laws and also informed that no building has been proposed in the railway buffer zone.

The committee noted that baseline parameters are within permissible limits and informed the proponent to leave buffers from the lake/drain as per the Revised Comprehensive Development Plan 2015 (RCDP) as directed by Hon'ble Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019 and also insisted to ensure an assured water supply commensurate with the ultimate occupancy envisaged in the project and with provisions for rain water harvesting from both rooftop and paved areas.

The proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the committee sought a proposal for management of surface runoff water and details for harvesting solar energy. The proponent submitted clarification informing that they had proposed 160cum capacity sump to collect surface runoff from the open area and 25 number of shallow recharge pits and one deep well recharge pit for excess runoff water and submitted terrace floor plan, where in it is proposed to harvest solar energy by installing solar panels to harvest 84150kwh/annum.

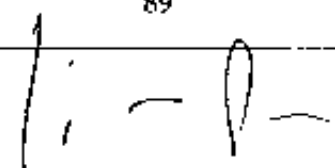
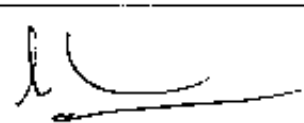
Proponent also submitted revised budgetary provision for EMP during construction phase and revised tree list, where in proposed to grow 226 additional trees along with 15 existing trees and 5 trees proposed to be relocated. Committee also noted Height clearance certificate issued by AAI dated: 07/08/2020 for the proposed project.

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

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to reconsider the proposal for further consideration subject to submission of the following information:

1. The project proponent shall furnish Notarized undertaking that he shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.
2. The project proponent shall leave the buffer from the lake / drain as per the RCDP 2015 as directed by supreme court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.



3. STP should be redesigned for Biological Nitrogen Removal. / BNR unit along with design calculation and revised budgetary allocation for the same should be submitted.
4. A time bound action plan for implementation of proposed CER activities as a part of EMP.
5. The project proponent shall ensure that tree planting/afforestation shall be taken up as prescribed in the project proposal and undertaking to be submitted.
6. The project proponent shall submit details of the club house, its location, no of floors and builtup area.
7. The project proponent shall obtain appropriate approval for Kharab land.
8. The project proponent shall work out and submit alternative scheme for disposal of treated sewage through underground drainage facility.
9. The project proponent shall also submit clarification/justification for usage of water cooled chillers in the project.
10. Submit revised storm water management plan relocating ground water recharge pits away from the nala.

Additional Condition:

1. Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.


The project proponent submitted the reply vide letter dated 13.12.2021. The Authority perused the reply submitted by the project proponent and decided to issue Environmental Clearance.

209.6.2. Construction of Commercial Building Project at Doddanekundi Village, Bengaluru East Taluk, Bengaluru Urban District by M/s. Bagmane Developers Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/213013/2021 (SEIAA 77 CON 2021) (Agenda No. 204.1.10)

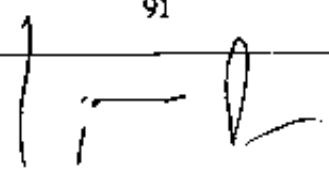

M/s. Bagmane Developers Private Limited have proposed for Construction of Commercial Building Project on a plot area of 18,217 sqm. The total built up area is 100,123.71 sqm. The proposed project consists of 3B+G+11. Total water consumption is 400 KLD (Fresh water + Recycled water). The total wastewater generated is 180 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 400 KLD. The project cost is Rs. 208.60 Crores

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Bagmane Developers Private Limited 8 th Floor, A Block, Lake View, Bagmane Tech Park

Drafted by 

		C.V. Raman Nagar, Bengaluru - 560093
2	Name & Location of the Project	Proposed Office Building, Sy.Nos. 42/4, & 57, Bagmane Constellation Business Park, Doddanekundi Village, KR Puram Hobli, Bangalore East Taluk, Bengaluru Urban District.
3	Type of Development	Commercial Building Project
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ITES/ Mall/ Hotel/ Hospital / other	Commercial Office Building Project - IT Company Category 8(a) Building and Construction Projects as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies / Nalas in the vicinity of project site.	NA
6	Plot Area (Sqm)	18,217 sqm
7	Built Up area (Sqm)	100,123.71 sqm
8	FAR • Permissible • Proposed	3.25 3.05
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3B+G+11
10	Number of units/plots in case of Construction/Residential Township/ Area Development Projects	3B+G+11
11	Height Clearance	AAI permissible elevation for near by project is 964.4m AMSL, the proposed project is having maximum top elevation of 941.7m AMSL
12	Project Cost (Rs. In Crores)	208.60 Crores
13	Disposal of Demolition waster and or Excavated earth	Excavated Earth: 70,000 cum.
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	6,487 sqm (35.6%)

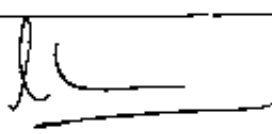
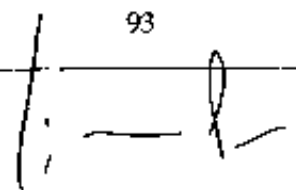


b.	Kharab Land	6 Guntas
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,065.06 sqm (16.8%)
d.	Internal Roads	2,549.8 sqm (13.99%)
e.	Paved area	670.43sqm (3.68%)
f.	Others Specify	845.14 sqm (4.6%, site services Transformer yard, HSD yard, Garbage room, OWC & Gas bank) 78.86 sqm (0.4%) (at drop off) - Podium driveway
g.	Parks and Open space in case of Residential Township/ Area Development Projects	4,521 sqm (24.8%, green podium, including fire driveway on podium)
h.	Total	18,217 sqm

15 WATER

I. Construction Phase			
a.	Source of water	Tertiary treated sewage water from other project which belonging project proponent.	
b.	Quantity of water for Construction in KLD	40 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	10 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP will be provided.	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	220 KLD
		Recycled	180 KLD
		Total	400 KLD
b.	Source of water	Multiple Sources of Water is Proposed; 1) In-house treated STP water 2) BWSSB & Private Tankers 3) Harvested Rain water	
c.	Waste water generation in KLD	180 KLD	
d.	STP capacity	400 KLD Sewage Treatment	
e.	Technology employed for Treatment	Sequential Batch reactor (SBR)	
f.	Scheme of disposal of excess treated water if any	Treated water is used for toilet flushing, Green Belt, Cooling towers and Dust suppression.	

			Excess will be disposed to KSPCB authorized Common CETP.
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	220 KLD
	b.	No's of Ground water recharge pits	5.0 No's of Ground water recharge pits are proposed
17	Storm water management plan		Submitted along with EMP
18	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	0.1 MT/day of solid waste will be generated and same will be disposed off through Municipal Authorities collecting agents. Organic food waste would be composted at site or handed over to piggery.
	II. Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Organic - 652 kg/day. Shall be used as Manure for Gardening
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Inorganic - 978 kg/day Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
	d.	Quantity of E waste generation and mode of Disposal as per norms	Shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility
19	POWER		
	a.	Total Power Requirement - Operational Phase	6000 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4 x1500 KVA - working +1 X 1500 KVA - stand by
	c.	Details of Fuel used for DG Set	69.7 Litters
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy units saving / Annum- 2950718 Total energy units saving / Annum - 22.7%
20	PARKING		
	a.	Parking Requirement as per norms	1114 no's

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

The subject was discussed in the SEAC meeting held on 15th September 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

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

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

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

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

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

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

1. The project proponent shall furnish Notarized undertaking that he shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.
2. The project proponent shall leave the buffer from the lake / drain as per the RCDP 2015 as directed by supreme court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.
3. Sewage Treatment Plant shall be redesigned for Biological Nitrogen Removal/ BNR unit with design with design calculation and additional budgetary allocation for the same shall be incorporated.
4. If the distance of nearest Protected Area (National Park/ Sanctuary/ Biosphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/ Biosphere reserve/ migratory corridor).
5. A time bound action plan for implementation of proposed CER activities as a part of EMP.

Additional Condition:

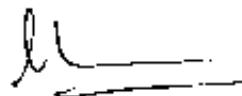
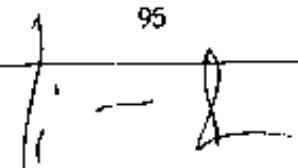
Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.

209.6.3. Ordinary Sand Mining Project at Hirehal Village, Rona Taluk, Gadaga District (6-30 Acres) by Sri Rajshekar Nagaraj Kampli - Online proposal No-SIA/KA/MIN/13814/2020 (SEIAA 48 MIN 2020) (Agenda No. 204.1.38)

Sri. Rajshekar Nagaraj Kampli have applied for Environmental clearance from SEIAA for quarrying of "Ordinary Sand Quarry" over an extent 6-30 Acres in Patta Land at Sy. Nos.135/5+6, 136/1, 136/2 & 136/3 of Hirehal Village, Rona Taluk, Gadaga District.

Details of the project are as follows:

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

2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent 6-30 Acres in Patta Land at Sy. Nos.135/5+6, 136/1, 136/2 & 136/3 of Hirehal Village, Rona Taluk, Gadaga District.
3	Type of Mineral	Ordinary Sand Quarry
4	New /expansion/modification /renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	2.731 Ha
7	Annual production (metric ton /Cum) per annum	36,000 tons/annum
8	Project Cost (Rs. In Crores)	0.78 Crores
9	Proved quantity of mine/quarry-Cu.m/Tons	1,08,000 tons
10	permitted quantity per annum- Cu.m/Ton	36,000 tons / annum
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to common public places
	2 nd	Enhancing ground water through construction of check dams
	3 rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 7.78 lakhs (Capital Cost) & Rs. 13.47 lakhs (Recurring cost)

The subject was discussed in the SEAC meeting held on 20th September 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

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

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

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

As per the Cluster sketch there are no other leases within the 500 meter radius from this lease area. The total area of the subject lease is 6-30 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise

which are within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020. The proponent informed the approach road strengthening works (Cement Concrete Road) will be taken up under CER activities.

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

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

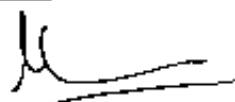
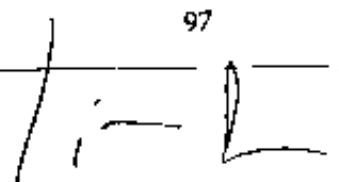
1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP.*

209.6.4. Proposed Expansion of the Distillery from 60 KLPD to 100 KLPD Project at Chadchan Village, Indi Taluk, Vijayapura District by M/s. Indian Sugar Manufacturing Co. Ltd. [SEIAA 33 IND 2021] (SIA/KA/IND2/172658/2020) (Agenda No. 200.1.1)

M/s. Indian Sugar Manufacturing Co. Ltd. have applied for Environmental clearance from SEIAA for Expansion of existing distillery from 60 to 100 KLPD A/p Havinal, Tal. Indi, Dist. Vijayapur, Karnataka.

Details of the project are as follows:

S N	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Indian Sugar Manufacturing Company Limited Havinal, Sy.Nos.221, 223/1A, 222/1,

		223/1, 223/1B of Chadchan Village Tal. Indi, Dist. Vijayapura, Karnataka.
2	Name & Location of the Project	Expansion of existing distillery from 60 to 100 KLPD A/p Havinal, Tal. Indi, Dist. Vijayapur, Karnataka
3	Co-ordinates of the Project Site	Latitude: 17°19'40.34"N Longitude 75°40'49.88"E
4	Environmental Sensitivity	
	A Distance From nearest Lake/ River/ Nala	River Boris flowing at 0.6 km in SE. River Bhima 8.84 km
	B Distance from Protected area notified under wildlife protection act	Not in within 10 km of project Study area
	C whether located in critically /severally polluted area as per the CPCB norms	No
5	New/ Expansion/ Modification/ Product mix change	Expansion
6	Plot Area (Sq m)	429695.215
7	Built Up area (Sq m)	72592.5
8	Component of developments	Fermentation section, Distillation section, finished product storage, CPU, boiler and evaporation section etc.
9	Project cost (Rs. In Crores)	56.34 (EMP cost: 1.5 Cr)
10	Details of Land Use (Sq m)	
	a Sugar activity including open area	130106.43 Sq. m.
	b Power Generation Swtich Yard	15580.4 Sq. m.
	c Diesel Pump	24483.48 Sq. m.
	d ETP And West Water Management	49371.65 Sq. m.
	e Total Distillery activity area	48886.026 Sq. m.
	e Existing Greenbelt area	72843.4 Sq. m.
	f Proposed Greenbelt area	70253.427 Sq. m.
	Total industrial activity area	
	G Residential colony	25171.45 Sq. m.
	Total	429695.215 Sq. m.
11	Products and By-Product	

	Products with quantity	60 KLPD RS/ENA/Ethanol 40 KLPD anhydrous alcohol/ Ethanol
12	Raw material with quantity and their source (enclose as Annexure if necessary)	B heavy molasses : 51304 MTA C - Molasses/Final Molasses: 59160 MTA Sugarcane juice: 1500 MTD
13	Mode of transportation of Raw material and storage facility	Molasses: Through pipeline from own sugar unit and by road from nearby sugar mill, it will be stored in molasses storage tank Nutrients N, P and TRO: Transportation by road as per requirement
14	Transportation and storage facility for coal /fuel in case of thermal power plant	Fuel used for proposed distillery unit: Conc. Spent wash + coal/bagasse as supplementary fuel Spent wash will be stored in impermeable storage tank, coal will be store in covered storage and existing bagasse storage yard will be used to store bagasse
Environment Management Plan (EMP)		
15	WATER POLLUTION	
	I Operation Phase	
	a. Source of water	Surface Water from Bhima River
	b. Total Requirement of Water KLD	910
	c. Requirement of water for industrial purpose /production in KLD	900
	d. Requirement of water for domestic purpose in KLD	10
	e. Waste water generation in KLD	1. Spent wash: 175 2. Spent lees, condensate of MEE and other low strength effluent: 1085
	f. ETP/ STP capacity	CPU: 600 m ³ /day
	g. Technology employed for Treatment	1. Spent wash: Multi-effect evaporation followed by incineration boiler 2. For spent lees, condensate of MEE and other effluent: Condensate polishing unit
	h. Scheme of disposal of excess treated water if any	ZLD base plant (treated water will be reused/recycle for molasses dilution, cooling tower makeup etc.)
16	AIR POLLUTION	
	a. Sources of Air	Flue gasses from boilers due to burning of



		pollution	spent wash with coal/bagasse		
	b.	Composition of Emissions	PM and SO ₂ , NO _x		
	c.	Air pollution control measures proposed and technology employed	Existing sugar unit Stack with 65 m height with Wet scrubber and existing Distillery stack 59 m with ESP with 99.99% efficiency will be provided		
17	NOISE POLLUTION				
	a.	Sources of Noise pollution	Boiler, STG, plant machinery etc.		
	b.	Expected levels of Noise pollution	65 - 85 dB within factory premises		
	c.	Noise pollution control measures proposed	Boiler, TG, machineries will be within industrial shed (covered area). Greenbelt development, PPE for employees		
18	WASTE MANAGEMENT				
	Operational Phase				
	a.	Quantity of Solid waste generated per day and their disposal	Waste	Qty	Disposal
			Yeast sludge (TPD)	5	Dried sludge will be used as manure.
			CPU sludge TPD	20	Dried sludge will be used as manure.
			Concentrated spent wash ash (TPD)	22.7	Bagasse ash and spent wash ash will be sold to farmer as manure as it is rich in Potash. Used as fuel
			Bagasse ash(TPD)	4	
			Spent Oil (kg/day)	5-7	Given to authorized recycler
			Coal ash(TPD)	26	Used as additive in brick manufacturing.
19	POWER				
	a.	Total Power Requirement in the Operational Phase with source	Requirement: 2.6 MW Source: Captive through 3.3 MW TG Alternate source: State electricity board		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing in sugar unit three DG set of 1) 320 kVA 2) 750 KVA		

c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFFI, Incinerator etc.,	Conc. Spent wash: 7.3 TPH; Bagasse: 8.5 TPH, Coal 3.1 TPH			
Financial provision for CER activities for next 3 years: 56. Lakhs (1% total Project cost)					
	CER activity	2021-22 (Lacs)	2022-23 (Lacs)	2023-24 (Lacs)	Total (Lacs)
	Lighting by LED/ Solar panels	5	3	3	11
	Watershed programs	7	4	4	15
	Providing Water filters/Drinking water facilities/storage tanks	7	4	4	15
	Tree plantation in the vicinity along road side	7	4	4	15
	Total	26	15	15	56

The subject was discussed in the SEAC meeting held on 22nd June 2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

This proposal is for expansion from 60KLPD to 100KLPD distillery unit. Earlier EC was issued on 11.09.2009 for 60KLPD distillery unit by MoEF&CC, GoI. The compliance to earlier EC conditions was certified by Regional Office, MoEF&CC on 11.02.2021. As per the certified compliance report, the status of compliance to earlier EC conditions is satisfactory. In the CCR it is mentioned that two conditions have not been complied: - (1) submission of six monthly compliances to earlier EC conditions and (2) publication of EC letter at least in two local newspapers. The proponent informed that he will comply with these conditions.

This project is appraised as B2 category as per the MoEF&CC, GoI Notification No. S.O.980(E) dated 02.03.2021, where in it is mentioned that proposals involving expansion of sugar manufacturing units or distilleries having prior EC shall be appraised as B2 projects if it is for production of ethanol to be used as fuel for blending only, as certified by the competent authority.

The proponent informed that the Ethanol produced in this unit will be used as fuel for blending only and submitted undertaking in this regard. The proponent also informed that 80% of the local villagers will be given employment facilities in this unit.

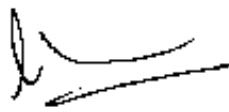
The committee decided to recommend the proposal to SEIAA for issue of EC.

The Authority perused the proposal and took note of the recommendation of SEAC.


The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to submission of the following information:

- 1) If the distance of nearest Protected Area (National Park/ Sanctuary/ Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/ Bio sphere reserve/ migratory corridor).
- 2) Precaution taken for storage of molasses shall be detailed along with recently conducted leak tests.
- 3) Detailed scheme of existing ETP (ZLD) along with its proposed and design details.
- 4) Facilities envisaged in the ETP for handling of Solids from MEE.
- 5) A time bound action plan for implementation of proposed CER activities as a part of EMP.

Meeting concluded with thanks to the Chair.


(Dr. K. R. Sree Harsha)
Chairman,
SEIAA, Karnataka


(K. N. Shivalinge Gowda)
Member,
SEIAA, Karnataka


(Vijay Mohan Raj V, IFS)
Member Secretary,
SEIAA, Karnataka