Submitted to MoS, SEIAA for kind information & further action.

Proceedings of the 246th SEAC Meeting through video conference held on 29th and 30th June 2020

29th June 2020

Members present in the meeting:

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

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present during the online meeting. All the members present confirmed that they had received the full set of copies of the project documents which are submitted to the Authority by the project proponent through E-mail, to be appraised in 246th SEAC meeting. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of **245rd SEAC meeting** held on 18th, 19th and 20th June 2020

The State Expert Appraisal Committee, Karnataka perused the proceedings of 245th SEAC meeting held on 18th, 19th and 20th June 2020 and confirmed the same.

29th June 2020
10:15 AM to 1:30PM
EIA Project

246.1 Proposed 200 KLD Common Effluent Treatment Plant (CETP) at Plot No.427-1, KIADB Industrial Area, Hebbal, Mysore-570 016 by M/s Royal Mysore CETP Pvt. Ltd.**(SEIAA 5 IND 2018)**

M/s. Royal Mysore CETP Private Limited (RMCPL) has proposed to setup 200 KLD capacity Common Effluent Treatment Plant (CETP) at Plot No. 427-I, Hebbal KIADB Industrial Area, Hebbal, Mysore-570016, to serve the small and medium industries located in industrial areas of Mysore District, Hassan district, Mandya district, Chamarajanagar District and Madikeri Districts of Karnataka.

The proponent has proposed to develop the 200 KLD CETP in two phases to cater the various industries sectors like, Pharma, Electroplating, Textile, Agro-based, Food processing and Engineering. In Phase -1, 70 KLD CETP for the treatment of organic or Low TDS (TDS < 2100 mg/L) trade effluents and 30 KLD CETP for the treatment of inorganic or high TDS trade effluents (TDS > 2100 mg/L). In Phase -2, additional 70 KLD CETP for the treatment of organic or Low TDS trade effluents and 30 KLD CETP for the treatment of inorganic or high TDS trade effluents will be developed.

Low TDS Effluent treatment scheme consists of Chemical Treatment (pH correction, Coagulation Flocculation and clarification), biological treatment (Anaerobic-UASB and Aerobic-SBR), Filtration (Sand and carbon filtration) followed by UV disinfection. Treaded effluents will be further treated in RO Plant for reuse and recycle for the various non potable uses like cooling tower and boiler operations. ETP Sludge will be handed over to KSPCB authorized TSDF for safe disposal. RO Rejects will be fed to in-house MEE System.

High TDS Effluent treatment scheme consists of Stripping, Multi effect evaporation (MEE) followed by Agitated Thin film dryer (ATFD). Recovered solvents, if any will be sold to the KSPCB Authorized Recyclers. The MEE salts will be handed over to KSPCB authorized TSDF for safe disposal. The condensate will be treated in low TDS ETP.

Also the proponent proposed to setup in-house laboratory facility to monitor the CETP performance in addition to the Online Continuous Emission Monitoring System (CEMS) as per KSPCB/CPCB guidelines. Total proposed project cost is about Rs. 479 Lakhs. Some of the salient features of the project as follows:

Sl. No.	PARAMETERS	DESCRIPTION
1	Identification of project	Project falls under Category "**B**" Projects of **activity 7 (h)** as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 1st December 2009 and 4th April, 2011, under Common

		Effluent Treatment Plant (CETPs).
2	Project Proponent	M/s. Royal Mysore CETP Private Limited
3	Brief description of nature of the project	Effluents is generated from the nearby small and medium industries located in industrial areas of Mysore District, Hassan district, Mandya district, Chamarajanagar District and Madikere Districts of Karnataka. The responsibility of effluent, treatment in order to minimize environmental pollution due to the small and medium scale industries. To eliminates multiple discharges in the area, provides opportunity for better enforcement i.e., proper treatment and disposal. A Common Effluent Treatment Plants (CETPs) is a set up where effluent, generated from a number of small to medium enterprises, is suitably treated as per the prescribed procedure & norms laid down in the regulation. Low TDS Effluent treatment scheme consists of Chemical Treatment (pH correction, Coagulation Flocculation and clarification), biological treatment (Anaerobic- UASB and Aerobic - SBR), Filtration (Sand and carbon filtration) followed by UV disinfection. Treaded effluents will be further treated in RO Plant for reuse and recycle for the various non-potable uses like water for cooling tower and boiler operations. ETP Sludge will be handed over to KSPCB authorized TSDF for safe disposal. RO Rejects will be fed to in-house MEE System. High TDS Effluent treatment scheme consists of Stripping, Multi effect evaporation (MEE) followed by Agitated Thin film dryer (ATFD). Recovered solvents, if any will be sold to the KSPCB Authorized Recyclers. The MEE salts will be handed over to KSPCB authorized TSDF for safe disposal. The condensate will be treated in low TDS ETP.

4	**Salient Features of the Project** Built up Area: 150 sqm - Lab and Office(existing) 750 Sqm Treatment plant and Storage Tank, 420 Sqm - Road(3.5 meter width), 1550 sqm green belt	
4.1	Proposed plant capacity	200 KLD CETP Phase-I 70 KLD LTDS ETP 30 KLD - HTDS ETP Phase-2 70 KLD LTDS ETP 30 KLD - HTDS ETP
4.2	Total Plot Area	2870 SQM
4.3	Location	Site boundary coordinates are as follow: Latitude & Longitude 12°21'48.86"N and 76°37'9.51"E Survey of India - Topo Sheets No. 57 D/11
4.4	Water requirement	450 Liter/day during construction and operation phase of CETPs
4.5	Source of water	KIADB Water Supply
4.6	Wastewater	The industrial effluents generated from the industrial from small to medium enterprises will be treated in CETP respectively.
4.7	Man Power	During Construction phase & Operation phase, the manpower will be hired from nearby villages. Construction phase: 10 workmen/day Operation phase: 10 workmen/day
4.8	Electricity/ Power Requirement	Power requirement Construction phase: 15 KVA Power requirement Operation phase: 125 KVA Supply source - Chamundeshwari Electricity Supply Corporation Limited (CESC Mysore) In case of power failure D.G. Set can be used (125 KVA capacity).
4.9	Alternative site	The proposed project is new project.
4.10	Land form, Land use and land ownership	The proposed project is to be located in the KIADB Hebbal Industrial Area
5	Project Cost	Rs. 492 Lakhs
	Others	
	Nearest Highway	NH-275 about 1 km South direction
	Nearest Railway Station	Mysuru City Railway Station is about 6km SSE direction
	Seismic Zone	Zone-II

	Elevation	610m MSL

The proponent and environment consultant attend the meeting to provide required information/clarification.

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

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

The TORs were issued on 26.03.2018 and the proponent submitted EIA report on 27.02.2020.

The Proponent and Environment Consultant attended the 246th meeting held on 29-06-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, EIA Report and clarification/additional information provided during the meeting.

This CETP is going to be put up in the site allotted earlier in the name of Roshan Industries and the earlier allottee combined with others proposed to set up CETP in the name of M/s Royal Mysore CETP Pvt. Ltd. The proponent has also stated that the effluents will be sourced from different places dividing the effluents into LTDS and HTDS at the source itself. All the conveyor vehicles are GPS monitored and hence there is no scope for mishandling.

The proponent has also stated that he will go for planting of aromatic trees in order to mitigate odour menace. As far as disposal of treated effluent is concerned the proponent has stated that he has two options, one is supply of treated effluents to existing nearby industrial units and the other option is for supplying to the willing neighbouring land owners to use for their land application. The committee expressed concerns about the land application of treated effluents, for which the proponent has agreed to go for supply of treated effluents solely to the neighboring industrial units and also stated that he will enter into an MOU with the neighboring industrial units in this regard.

The PP has stated that all operations will be above ground and all operations are monitored online. The proponent has also stated that he will go for mobile STP for the treatment of domestic sewage during construction phase. The proponent has also stated that he will go for membership certification of GESCSL (Green Environment Society Certificate Service Ltd.).

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

1) The proponent to install mobile STP for the treatment of domestic sewage during construction phase.
2) The proponent to go for membership certification of GESCSL (Green Environment Society Certificate Service Ltd.,) as agreed by him.
3) Only registered labours should be employed.
4) The proponent to go for agreement with neighbouring industries for utilization of treated water.

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

246.2 Proposed "Building Stone (Laterite) Quarry at Sy.No.53/1,2,3 & 54/1,3, of Valakhandi Village, Humnabad Taluk, Bidar District **by Sri. Pavan Kumar(SEIAA 01 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Pavan Kumar S/o Devakinandan Indoria 4-10-371/47, 1st Floor, HDFC Bank Building,G.K Road, Sedam, Sedam Taluk, Gulbarga District, Karnataka-585222.
2	Name & Location of the Project	"Building Stone(Laterite) Quarry" of Sri. Pavan Kumar S/o Devakinandan Indoria, at Sy No: 53/1, 2, 3 & 54/1, 3, Valakhandi Village, Humnabad Taluk, Bidar District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 17^{0}40′ 32.1″ & N 17^{0}40′ 21.1″ Longitude:E 77^0 09′ 44.9″ & E 77^0 09′ 42.4″
4	Type of Project	Building Stone(Laterite) Quarry

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Patta Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		8.194 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's Building Stone(Laterite) Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,60,000 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		Top soil of 1.5m (i.e. 1,05,000) m3 is available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		2,00,000 tons of intercalated Waste
16	Project Cost (Rs. In Crores)		7.8
17	Environmental Sensitivity		
	a.	Nearest Forest	Rampura Reserved Forest - 1.20 kms(S)
	b.	Nearest Human Habitation	Valakhandi Village - 0.55 Kms(NW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Humnabad.
	d.	Water Bodies	Mudnal Pond - 2.15 Kms(SE)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	17-20
	b.	Waste Dumping Area	0-02

	c.	Top Soil yard	0-06	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area	2-20	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Opencast Other than Fully Mechanized	
21	Rate of Replenishment in case River sand project			
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.50 KLD
			Domestic	1.08 KLD
			Other	4.27 KLD
			Total	15.85 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 215th meeting held on 18-1-2019 to provide clarification/additional information.

As per the approved quarry plan the total area is 20 acres 10 guntas out of which total mining area is 17 acres 20 guntas. The level difference within the mining area is 10 meter and taking this fact into consideration the total quantity of 10 lakhs tons or 5,55,555 cum in five years can be scientifically and safely mined within the depth of 3.0 meter below lowest level. The proponent has stated that the recovery is 80% and wastage is 20% and he will handle these quantities in the un mined portion of the mining area.

The OM dated: 12th December 2018 issued by MoEF & CC, GoI was brought to the notice of the committee which says that the projects with an area above 5 hectares and within 25 hectares are to be treated on par with B1 projects with EIA including public consultation. The committee after due deliberation and discussion on the said OM opined that the OM is silent about the projects that are being dealt at the SEIAA level. The concluding part of the OM just states that the Notification issued on 15-1-2016 which deals with the formation of DEAC/DEIAA is kept in abeyance and whereas regarding the powers vested with the SEAC/SEIAA the OM being silent, the SEAC has

construed that it is not limiting the powers vested with SEAC/SEIAA in the Notification dated: 15-1-2016 and proceeded with the appraisal.

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

1) Safe drinking water has to be provided at the quarry site.
2) Dust suppression measures have to be strictly followed.
3) The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

The Authority perused the proposal and took note of the recommendation of SEAC in its 163rd meeting held on 25-1-2019.

The Authority while discussing observed that this project proposal is being considered by Authority as per directions of the MoEF, GOI issued vide O.M dated 12th December 2018. As per this direction all the individual leases and clusters having total lease area of 5 to 25 Ha also have to be appraised as B1 category activity. While going through the proceedings of the SEAC, the Authority observed that the lease area of this project is 8.194 Ha. The Authority therefore opined that this proposal has to be B1 category project/activity.

The Authority after discussion decided to refer the file back to SEAC to undertake screening, scoping, public consultation and appraisal of the proposal strictly in accordance with law and in the spirit of the orders of the Hon'ble NGT dated: 4th September 2018, 13th September 2018 and the O.M dated:12-12-2018 issued by MoEF & CC, Govt of India and sending recommendation deemed fit based on merit.

The proposal was placed in the 217th meeting held on 2-3-2019 for further appraisal.

The proponent remained absent. The committee after discussion decided to give final opportunity and deferred the proposal.

The proponent was invited for the 222nd meeting held on 8-5-2019 to provide required clarification and additional information. The proponent and Environment consultant attended the meeting. The committee noted the opinion of the Authority and accordingly the project was categorized under B1 category and decided to recommend to issue standard TORs in accordance with EIA Notification. The proponent has also stated that he has started collecting data from the month of March 2019 itself and requested to permit him to adopt the same for which the committee agreed to adopt the same.

The TORs were issued on 1-07-2019 and the proponent submitted EIA report on 10.03.2020. The same was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 246th meeting held on 29-06-2020 to provide clarification/additional information.

The Proponent and Environment Consultant attended the 246th meeting held on 29-06-2020 to provide clarification/additional information.

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

Earlier this proposal was appraised under B2 category and recommended for issue of EC to SEIAA, by the time the issue of EC was under process, the threshold limit of B2 category got reduced to 5Ha from 25Ha, hence the SEIAA referred back the file to take up the appraisal under B1 category and consequent to this TORs were issued and necessary public hearing was also held. The main concerns expressed by the public during public hearing was about the dust menace, for which the proponent has stated that the mode of mining is cutting and wedging, not involving any blasting & hence the dust emission from mining activity will get reduced drastically and also in addition to this, the proponent has stated that he will put up dust screen all round the project area.

He has also stated that the approach road connecting project area to black topped all weather road at a distance of 50meters, which runs in the land owned by the same proponent will be black topped.

The proponent has also stated that in addition to above measures he will go for effective dust suppression methods and by all these measures the dust menace will be reduced to a greater extent.

The committee noted that this is a fresh lease involving laterite stone mining in Patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 24-01-2018.

However the forest NOC is dated 27-9-2012. In view of the fact that exercise of identification of survey number wise deemed forests has been undertaken after 2015 and Wild Life Sanctuaries/Conservation Reserves have been notified in the intervening

period, the committee expressed that the recent NOC from forest dept is required, for which the proponent readily agreed to submit the same.

As seen from the quarry plan there is a level difference of 10 meters within the mining area and taking this factor into consideration, the committee opined that 70% of the proved quantity of 2550000 cum or 4600000 tons can be mined safely and scientifically to a quarry pit depth of 30 meters for a quarry life period of 16 years at the rate of 2 lakh tonnes/annum.

He has also stated that his project does not fall within 10 KM radius from the boundary of any Wildlife Sanctuary/National Park.

As far as handling of waste is concerned the proponent has stated 20% waste will be generated and will be handled temporarily by depositing in 8 guntas of land earmarked for mineral dumping & waste dumping and it will be further sold to road construction work with the permission of the DMG and the same has been reflected in the mining plan approved by them.

As far as CER is concerned the proponent has stated, that he will earmark Rs.15.00 lakhs and the same will be used for the rejuvenation Nelkud lake, as suggested by public during public hearing which is at a distance of 3.8KM.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance with the condition that the proponent should submit the latest forest NOC to the authority.

Committee also imposed 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.
4. Put up dust screen all round the project area.
5. Work will be taken up for rejuvenation of Nelkud lake.

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

TOR Projects

246.3 Proposed Adinarayana Hosahalli Industrial Area Project at Hosahalli Village, Doddaballapura Taluk, Bengaluru Rural District **by Karnataka Industrial Area Development Board (KIADB) (SEIAA 08 IND 2020)**

<table>
<tr><td>1.</td><td>Name & location details of the project with

a) Colored Google map
b) Topo-sheet of the area
c) Contour map with RLs.
d) Dated site photographs.</td><td>Proposed formation of Adinarayana Hosahalli Industrial area, DoddaballapuraTaluk, Bengaluru Rural District, Karnataka

a) Colored Google map - Details are given in PFR
b) Topo-sheet of the area -Details are given in PFR
c) Contour map with RL - Details are given in PFR
d) Dated site photographs - Details are given in PFR</td></tr>
<tr><td>2.</td><td>Status of Project: New/ Expansion/ Modernization. If Expansion/ Modernization Whether consent conditions complied?</td><td>New</td></tr>
<tr><td>3.</td><td>Total Project Cost (Rs. in Lakhs)</td><td>Rs. 25230 Lakhs</td></tr>
<tr><td>4.</td><td>Documents submitted (mandatory):</td><td>• Form 1
• Pre-feasibility Report (PFR)</td></tr>
<tr><td>5.</td><td>Name of the consultant and accreditation</td><td>M/s Ramky Enviro Services Private Limited

NABET/ EIA/ 1922/ RA 0140</td></tr>
<tr><td>6.</td><td>Land use plan, previous land use and land conversion details.</td><td>
<table>
<tr><th>Land use type</th><th>Area (acre)</th><th>Area %</th><th>Remarks</th></tr>
<tr><td>Industrial</td><td>120.07</td><td>61.47</td><td rowspan="10">At any given time, an area of 33% will be allotted for greenbelt development, which shall include the buffer zone and green belt developed by individual industries</td></tr>
<tr><td>Commercial</td><td>3.38</td><td>1.73</td></tr>
<tr><td>Amenities</td><td>5.42</td><td>2.77</td></tr>
<tr><td>Utility</td><td>4.62</td><td>2.37</td></tr>
<tr><td>Park / Buffer</td><td>19.53</td><td>10.00</td></tr>
<tr><td>Parking</td><td>9.76</td><td>5.00</td></tr>
<tr><td>Roads</td><td>21.08</td><td>10.79</td></tr>
<tr><td>Proposed NH-207</td><td>10.02</td><td>5.13</td></tr>
<tr><td>Existing NH- 207</td><td>1.45</td><td>0.74</td></tr>
<tr><td>Total</td><td>195.33</td><td>100.00</td></tr>
</table>
</td></tr>
</table>

7.	Greenery plan within industrial premises: Area, % of total area and tree species proposed.	19.53 Acres (10% of the total area) Details are given in PFR
8.	Nature of Soil	The area is spread and covered with red and alluvial soil types. The red soils are occupied in uplands and plains; and the alluvial soil mostly found in the valley portions of major Streams.
9.	Nature of Land (KIADB/ KSSIDC /Revenue/ Others)(Land documents to be enclosed)	KIADB Land documents - Details are given in PFR (Gazette copies)
10.	Whether there is any Govt. Order/ Policy relevant /relating to the project site	Yes. Land is acquired through KAIDB Act. Gazette copies attached in PFR.
11.	Particulars of sensitive areas and water bodies with distance from the property.	Dibagiri RF - 10.0 km (NE) GhattiSubbarayana RF - 10.0 km (NW) Gundagolipura RF - 10.5 km (W) Nandi RF - 11.0 km (NE) Kallukote RF - 11.0 km (N) Kolur RF - 11.5 km (NW) Akkupet RF - 11.5 kın (SE) Yaratiganahalli RF - 12.5 km (SE) Hesarghatta Tank - 13.0 km (SW) Kempegowda International Airport – 13.0 km (SE) Yelahanka Air Force Airbase - 15.0 (S)
12.	Details of major products manufactured along with by products (Quantity/Month)	Not Applicable. It is industrial plot development project.

	(a) Installed Capacity	
	(b) Production at present	
	(c) Proposed capacity	
13.	Water requirement (KLD) along with water balance chart.	613 KLD Water Balance – Details are given in PFR
14.	Submitted NOC from competent Authority for water supply?	KIADB
15.	Rain water harvesting proposed with details of recharge pits and collection sump.	Proposed to harvest roof top rain water from all the buildings within industrial area except those falling in Red and Orange categories as per CPCB classification i.e. commercial, office areas shall implement roof top rain water harvesting systems within six months of grant of NOC. Harvested water will be stored in collection tanks and utilized for domestic & industrial purpose after suitable treatment and ground water recharge by constructing rainwater harvesting pits.
16.	Laborers details	
	No. of laborers	2050
	No. of toilets provided for them.	Required toilets facility shall be provided to all the employees
	Method of Waste water/Sewage disposed	All the domestic wastewater shall be treated in CSTP and treated water shall be reused
	Size of Septic Tank & Soak pit	
17.	Excavated Earth: Quantity (in Cum) and its disposal plan.	No major excavation is envisaged in the project. Waste generated due to construction activity is mostly excavated earth and construction material left over which are inert. Construction waste will be utilized within site for leveling &

		filling purpose and top soil shall be utilized in green belt area. Municipal solid waste generated will be collected and disposed at the designated waste disposal site.		
18.	If disposed off in other's property, agreement for same	Not Applicable		
19.	Size of STP/ ETP(inKLD)and Technology adopted with flow diagram.	Common Sewage Treatment Plant (CSTP) - 100 KLD Wastewater generated from the industries shall be treated in their respective Effluent Treatment Plants (ETPs) on the bases of Zero discharge (ZLD) concept.		
20.	Is sewer line existing? If not, give the plan for disposal.	No disposal of wastewater, Wastewater generated shall be treated and reused.		
21.	Mode of disposal: (Pond/River Valley/UGD/Irrigation/Ocean/Others (specify)	Not Applicable		
22.	Total area allotted for disposal of Waste water.	Not Applicable		
23.	Solid waste generated	Type	Quantity (in Cum)	Mode of Disposal
		Waste generated due to construction activity is mostly excavated earth and construction material left over which are inert. Construction waste will be utilized within site for leveling & filling purpose and top soil shall be utilized in green belt area. Municipal solid waste generated will be collected and disposed at the designated waste disposal site. During operation phase, industrial & municipal solid waste will be generated at project site. Municipal Solid Waste would be collected and stored in an earmarked storage yard and further hand over to the authorized facility for treatment and disposal by the member industries & by the developer		

24.	Hazardous waste generated	Type	Quantity (in Cum)	Mode of Disposal
		No. hazardous is generated due to construction and operation activities of KIADB. Hazardous waste generated by industries will be handled by individual industries as per applicable Hazardous Waste Rules, 2016.		
24.	E-waste waste generated (if any)	Type	Quantity (in Cum)	Mode of Disposal
		No. E- Waste is generated due to construction and operation activities of KIADB. E- Waste generated by industries will be handled by individual industries as per applicable E-Waste Management, 2016 and subsequent amendment.		
25.	a) Details of Air Pollution Sources:	Dust generation during construction and vehicular movement, flue gas from stacks, DG set & fugitive emissions. Individual industries will provide details during obtaining EC/CFE. Emissions will be mostly Suspended Particulate Matter, SO2 and NOx. Individual industries will provide details of air pollution emission from process during obtaining EC/CFE.		
	• Process Emission:			
	• Grinders/Crusher			
	• Boiler			
	• Power generators			
	(b) Details of Control equipment	Individual industries will provide details of air pollution control measures proposed and technology employed during obtaining EC/CFE.		
26.	Ambient noise level			
	(a) Sources of noise and Vibrations	Use of machinery and process operations of industrial units.		
	(b) Noise and vibration control measures proposed:	Individual industries will provide details of noise pollution control measures proposed and technology employed during obtaining EC/CFE.		
27.	Power requirement (in KVA) with source:	1475.8 KW Source: Bangalore Electricity Supply Company Limited (BESCOM).		

28.	DG Sets details with number and capacity:	To meet the emergency requirement of the power during power failure required capacity of DG Sets shall be proposed and operated after establishment of the proposed industrial area. Individual industries need to arrange for their backup requirement for Industries power backup
29.	Legal issues pending (if any)	Civil Case no: 50930/2016, 13661/2015, 51805-51507/2015 High Court - Bengaluru Status - Pending

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

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

1. Quantify the greenery area left all along the boundary and all along the roads including parks and open spaces separately by proposing suitable local plant species for development of green belt.
2. Quantify the buffer zones left for water bodies which are mandated to have buffer zones.
3. Detail the provisions made to keep open the water bodies for public use.
4. Detail the measures to manage the earth within the project site.
5. List out the existing trees species wise, numbers wise in the project area
6. List out flora and fauna found in 10km radius study area ad if there are any Schedule 1 fauna and if there are RET and endemic flora necessary protection plan to be prepared in consultation with forest authorities along with budget backup.
7. Details of Kharab land and its nature and position and if the kharab land meant for public utilities details to keep the same for public use may be furnished.

8. Land holding details along with RTCs is to be detailed and submitted with proper co-ordinates.

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

246.4 Proposed Manufacturing of Fluorescent Inks / Ink Bases / Ink Concentrates, Fluorescent Pigments, Fluorescent Dyes, Fluorescent Dispersions, UV Inks & Intaglio Inks Unit Project at Plot No.29B, KIADB Industrial Area, 1st Phase, Malur Taluk, Kolar District **by M/s. HUEBRIGHT COLORS PVT. LTD (SEIAA 09 IND 2020)**

No	PARTICULARS		INFORMATION
1	Name and Address of the Project Proponent		**HUEBRIGHT COLORS PVT.LTD.** Plot # 29 B, 1st Main Road, 1st Phase, KIADB Industrial Area, Malur-563130, Kolar District, Karnataka, India
2	Name and Location of the Project		"Manufacturing of FLUORESCENT INKS/INK BASES/INK CONCENTRATES (Incl. Security Inks),FLUORESCENT PIGMENTS (Incl. Security Pigments), FLUORESCENT DYES (Incl. Security Dyes), FLUORESCENT DISPERSIONS, UV INKS AND INTAGLIO INKS " Plot No. 36, Vasanthanarasapura 2nd Phase Industrial Area, Tumkuru District, Karnataka.
3	Co-ordinates of the Project Site		**Latitude**: 12.980911 N **Longitude**: 77.922389 E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Doddakere -3.2 Km(N) Gaja Gundla- 3.0 Km(N)
	b.	Distance from Protected area notified under wildlife protection act	--
	c.	Distance from the interstate boundary	-
	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-B1
6	New/ Expansion/		New

<table>
<tr><td></td><td>Modification/ Product mix change</td><td></td></tr>
<tr><td>7</td><td>Plot Area (Sqm)</td><td>8218 Sq mtr</td></tr>
<tr><td>8</td><td>Built Up area (Sqm)</td><td></td></tr>
<tr><td>9</td><td>Component of developments</td><td>Manufacturing of FLUORESCENT INKS/INK BASES/INK CONCENTRATES (Incl. Security Inks),FLUORESCENT PIGMENTS (Incl. Security Pigments), FLUORESCENT DYES (Incl. Security Dyes), FLUORESCENT DISPERSIONS, UV INKS AND INTAGLIO INKS "</td></tr>
<tr><td>10</td><td>Project cost (Rs. In crores)</td><td>Rs. 27.8 Crores</td></tr>
<tr><td>11</td><td colspan="2">Details of Land Use (Sqm)</td></tr>
<tr><td></td><td colspan="2">a. Ground Coverage Area
b. Kharab Land
c. Internal Roads
d. Paved area
e. Parking
f. Green belt
g. Others Specify
h. Total</td><td>
<table>
<tr><th>Sr. No.</th><th>Description of Area</th><th>Area (m2)</th><th>Area as a % of total</th></tr>
<tr><td>1</td><td>Total Plant Area</td><td>8218</td><td>100</td></tr>
<tr><td>2</td><td>Production+Admin+Storage+Lab</td><td>2640</td><td>32</td></tr>
<tr><td>3</td><td>Utility</td><td>851</td><td>10</td></tr>
<tr><td>4</td><td>Canteen</td><td>50</td><td>1</td></tr>
<tr><td>5</td><td>E.T.P. / solid waste/STP</td><td>300</td><td>4</td></tr>
<tr><td>6</td><td>Addnl. Storage / utility</td><td>300</td><td>4</td></tr>
<tr><td>7</td><td>Power utility</td><td>132</td><td>2</td></tr>
<tr><td>8</td><td>Green belt</td><td>2712</td><td>33</td></tr>
<tr><td>9</td><td>Open Area</td><td>1233</td><td>15</td></tr>
</table>
</td></tr>
<tr><td>12</td><td>Products and By- Products with quantity (enclose as Annexure if necessary)</td><td>Detailed in prefeasibility report</td></tr>
<tr><td>13</td><td>Raw material with quantity and their source (enclose as Annexure if necessary)</td><td>Detailed in prefeasibility report</td></tr>
<tr><td>14</td><td>Mode of transportation of Raw material and storage facility</td><td>The total raw material requirement is estimated to be around 325 TPM. The raw materials and finished products will be transported by Road/Rail/Sea/Air based on the products and regulations.</td></tr>
<tr><td>15</td><td>Transportation and storage facility for coal / Bio-fuel in case of thermal power plant</td><td>NA</td></tr>
<tr><td>16</td><td>Fly ash production, storage and disposal details whereas coal is used as fuel</td><td>NA</td></tr>
</table>

17	Complete process flow diagram and technology employed		Detailed in prefeasibility report	
18	Details of Plant and Machinery with capacity/ Technology used		Detailed in prefeasibility report	
19	Details of VOC emission and control measures wherever applicable		Adequate stack height and air pollution control measures will be adopted. Details of control measures are detailed in the EMP report.	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Borewell /KIADB tankers	
	b.	Quantity of water for Construction in KLD	5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in Mobile STP	
	II	Operational Phase		
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	**30KLD**
			Recycled	-
			Total	**30 KLD**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	**18.75**
			Recycled	-
			Total	**18.75 KLD**
	d.	Requirement of water for domestic purpose in KLD	Fresh	**10.5 KLD**
			Recycled	
			Total	**10.5 KLD**
	e.	Waste water generation in	Industrial effluent	**19 KLD**

		KLD	Domestic sewage	**9.5 KLD**
			Total	**28.5 KLD**
	f.	ETP/ STP capacity	STP of 10 KLD capacity ETP of 20 KLD capacity	
	g.	Technology employed for Treatment	STP: Phythorid process ETP: MEE, ATFD	
	h.	Scheme of disposal of excess treated water if any	Gardening, cooling towers and boiler blow down.	
21	Infrastructure for Rain water harvesting		Will be implemented	
22	Air Pollution			
	a.	Sources of Air pollution	The main sources of emission from the project will be from Process Area, DG set, Thermic Fluid Heater& vehicle movement during operation phase.	
	b.	Composition of Emissions	**Detailed in prefeasibility report**	
	c.	Air pollution control measures proposed and technology employed	**Detailed in prefeasibility report**	
23	Noise Pollution			
	a.	Sources of Noise pollution	DG set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	70 dB	
	c.	Noise pollution control measures proposed	DG set will be installed with inbuilt acoustic enclosures.	
24	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable: 29 kgs/day Non- Biodegradable: 44 kgs/day	
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Detailed in prefeasibility report	
	c.	Quantity of E waste generation with source	Detailed in prefeasibility report	

		and mode of Disposal as per norms	
26	Risk Assessment and disaster management		Risk assessment has been done and enclosed along with application.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	1250 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3No D.G Sets of 625 KVA, 250 KVA and 63 KVA
	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 ECBC 2007	Detailed in prefeasibility report
28	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	--

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

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

1. Establish with layout plan the adoption of GMP (Good Manufacturing practices) for manufacturing your products supported by P & ID(Piping & Instrumentation Diagram).
2. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive

emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.

3. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
4. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
5. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
6. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
7. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
8. Identify and evaluate the steps in the manufacturing of your products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
9. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
10. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
11. Highlight the green chemistry if adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
12. Handling of Arsenic and Cyanide compounds if any may be detailed and submitted.
13. For Boiler fuel Explore the possibility of using eco friendly fuel such as CNG /Solar power/ Briqquettes instead of furnace oil.
14. Explore the alternatives to toluene and other hazardous chemicals if used.

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

246.5 Proposed Commercial Building Project at Sy.Nos.79 & 80 of KIADB Land, Doddanekundi Village, Bangalore East Taluk, Bangalore Urban District **by M/s. Bagmane Developers Pvt. Ltd. (SEIAA29CON2020)**

<table>
<tr><th>Sl. No.</th><th>Particulars</th><th>Information</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s. Bagmane Developers Pvt. Ltd. Lake view 'A' block 8th Floor, Bagmane Tech Park, C.V Raman Nagar, Bengaluru – 560093.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Proposed Modification with Expansion of Commercial Building Project called "Bagmane Xenon", Sy Nos. 79 & 80, Doddanekundi Village, KR Puram, Hobli, Bangalore East Taluk, Bangalore.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th colspan="3">Geographical Co-ordinates</th></tr>
<tr><th>Sr. No.</th><th>Northing</th><th>Easting</th></tr>
<tr><td>A</td><td>-155762.337</td><td>-129455.806</td></tr>
<tr><td>B</td><td>-217863.363</td><td>-28326.756</td></tr>
<tr><td>C</td><td>-265678.757</td><td>-127346.525</td></tr>
<tr><td>D</td><td>-420415.040</td><td>-114000.295</td></tr>
<tr><td>E</td><td>-218765.079</td><td>-275828.877</td></tr>
<tr><td>F</td><td>-193081.880</td><td>-287501.593</td></tr>
<tr><td>G</td><td>-74529.957</td><td>-274321.359</td></tr>
<tr><td>H</td><td>-3478.581</td><td>-1990.633</td></tr>
<tr><td>I</td><td>-2090.550</td><td>-7938.460</td></tr>
</table>
</td></tr>
<tr><td>4</td><td colspan="2">Environmental Sensitivity</td></tr>
<tr><td rowspan="2"></td><td></td><td>• Doddanekundi Lake is 1.75 km West</td></tr>
<tr><td>a.</td><td>Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)</td><td>• Nakkundhi Lake is 2.0 km North-West
• Kundalahalli Lake is 1.10 km East
• Whitefield Lake is 1.10 km North.</td></tr>
<tr><td></td><td>b.</td><td>Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.</td><td>Secondary Nala is found on the south-east boundary of project site.
25 m Buffer zone is provided towards project site.</td></tr>
<tr><td>5</td><td colspan="2">Type of Development</td><td></td></tr>
<tr><td></td><td>a.</td><td>Residential Apartment / Villas / Row Houses / Vertical Development</td><td>Commercial Offices</td></tr>
</table>

		/ Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	Not Applicable
6		Plot Area (Sqm)	Total Plot Area: 84,681.03 Sqm
7		Built Up area (Sqm)	Total Built-up Area: 2,52,730.66 Sqm (**Neon (Existing):** 1,03,864.91 Sqm + **Xenon (Proposed):** 1,48,865.75 Sqm).
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	**Neon:** 2B+G+7 UF = 32.18 mtrs **Xenon:** **North Block (A) & South Block (B):** 3B+G+7 UF = 32.28 mtrs **Block C:** G + 1UF = 9.3 mtrs
9		Number of units in case of Construction Projects	Not Applicable
10		Number of Plots in case of Residential Township/ Area Development Projects	Not Applicable
11		Project Cost (Rs. In Crores)	Existing Rs. 364.00 Crores. Expansion: 391.96 Crores
12		Recreational Area in case of Residential Projects / Townships	Not Applicable
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	Existing: 8,733.80 Sqm Expansion: 13,642.13 Sqm
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	30,150.05 Sqm (35.60%)
	d.	Internal Roads	5911 Sqm
	e.	Paved area	-
	f.	Others Specify	Podium area – 20847.51 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not Applicable
	h.	Total	84681.03 Sqm
14		Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules	Not Applicable

		2016, If Applicable		
	b.	Total quantity of Excavated earth (in cubic meter)	Existing: 52963 Cum Expansion: 99100 Cum, Total: 152063 Cum	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	152063 Cum	
	d.	Excess excavated earth (in cubic meter)	NIL	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	All the Excavated Earth shall be scientifically disposed within the project site.	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	STP Treated water	
	b.	Quantity of water for Construction in KLD	20 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
	d.	Waste water generation in KLD	8.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated water used for construction and sludge is used for Neon landscape	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	180 KLD + 302 KLD
			Recycled	220 KLD + 148 KLD
			Total	**400 KLD + 450 KLD**
	b.	Source of water	BWSSB, Rain water, STP treated water.	
	c.	Waste water generation in KLD	300 KLD + 432 KLD	
	d.	STP capacity	350 KLD + 600KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR)	
	f.	Scheme of disposal of excess treated water if any	All the treated water will be used within the project site.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	150cum +400cum	
	b.	No's of Ground water recharge pits	05 No's + 21No's	
17		Storm water management plan	Shall be reflected in EIA Report.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The amount of municipal solid waste generated would be negligible.	

	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Around 806 kg from Total Project Site
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Around 1200 kg from Total project site (Municipal Non-Biodegradable solid waste will be disposed as per MSW 2016 Rules)
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Hazardous wastes of small quantities like used oil, cotton waste, oil filters etc. will be generated from project due to maintenance of DG sets, which shall be disposed scientifically to KSPCB authorised recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	Shall be disposed scientifically to KSPCB authorised recyclers.
19		POWER	
	a.	Total Power Requirement - Operational Phase	Existing: 4173 KVA Expansion: 8554 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing: 5 X 1500 KVA Expansion: 8 X 1500 KVA & 2 X 750 KVA
	c.	Details of Fuel used for DG Set	HSD Yard (3 x 50KL)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	✓ Low loss Copper wound Transformers. ✓ HF Ballast in place of conventional ballast ✓ T5/T8/LED Lights for lighting against conventional fluorescent lamps. ✓ % Savings in power – 33.93%
20		**PARKING**	
	a.	Parking Requirement as per norms	Existing: 1330 No's of Car Expansion: 1653No's of Car Total car parking provided- 3004
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic Density Study will be conducted during EIA Studies.
	c.	Internal Road width (RoW)	Min - 8 m Max- 21 m

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

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

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

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

246.6 Proposed Commercial Development Project at Sy.Nos.27, 30, 31, 35 & 36 of Pattandur Agrahara Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District **by M/s. AKME RHINE PROJECTS PVT. LTD. (SEIAA 33 CON 2020)**

The proponent remains absent, the consultant who attended the meeting requested for one more opportunity, due to the fact that he could not establish the contact with the proponent.

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

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

2:15PM-6.00PM

246.7 Proposed Modification & Expansion of Residential Apartment Project at Sy.No.98 of Gunjur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by **M/s. DSR Infrastructure Pvt. Ltd. (SEIAA37CON2020)**

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Mr. K. S. Satyanarayana Reddy Chief Executive Officer, M/s. D.S.R. Infrastructure Pvt. Ltd, "DSR Technocube", Block -C, 4th floor, BBMP Katha no. 639/645/1, Next to SKR Convention Hall, Thubarahalli village, Varthur Main Road, Bangalore
2.	Name & Location of the Project	"Modification & Expansion of Residential Apartment" Sy. No.98, Gunjur Village, Varthur Hobli,Bengaluru East Taluk, Bengaluru
3.	Co-ordinates of the Project Site	a) Latitude : 12 Deg 54 Min 58.23 Sec N Longitude : 77 Deg 42 Min 36.05 Sec E b) Latitude : 12 Deg 54 Min 54.09 Sec N Longitude : 77 Deg 42 Min 35.76 Sec E c) Latitude : 12 Deg 54 Min 56.49 Sec N Longitude : 77 Deg 42 Min 39.35 Sec E d) Latitude : 12 Deg 55 Min 00.49 Sec N Longitude : 77 Deg 42 Min 34.86 Sec E e) Latitude : 12 Deg 54 Min 59.51 Sec N Longitude : 77 Deg 42 Min 30.43 Sec E f) Latitude : 12 Deg 54 Min 57.55 Sec N

			Longitude : 77 Deg 42 Min 31.75 Sec E
4.		ENVIRONMENTAL SENSITIVITY	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	There is Lake on the Northern side of the site to which 30m buffer has been given. Chikkabellandur Lake is 1.0 Km away from the project site boundary.
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There is Lake on the Northern side of the site to which 30m buffer has been given. Chikkabellandur Lake is 1.0 Km away from the project site boundary.
5.		TYPE OF DEVELOPMENT	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment
	b.	Residential Township/ Area Development Projects	NA
6.		Plot Area (Sqm)	40,468.23 Sqm
7.		Built Up area (Sqm)	1,57,278.82 Sqm
8.		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The Proposed Project comprising of 781 units in Four Blocks (Block-1, 2, 3 & 4)with 10 wings sprawled across 2BF+GF+14Upper Floors with a maximum height of 44.95 m
9.		Number of units in case of Construction Projects	781 No. of residential units.
10.		Number of Plots in case of Residential Township/ Area Development Projects	-
11.		Project Cost (Rs. In Crores)	Rs. 10 Crores (Expansion cost only)
12.		Recreational Area in case of Residential Projects / Townships	-
13.		DETAILS OF LAND USE (SQM)	
	a.	Ground Coverage Area	7,122.83 Sqm
	b.	Kharab Land	2,630.43 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	19,163.26 Sqm (including park & open space)
	d.	Internal Roads & Hardscape	11,900.92 Sqm

	e.	Paved area	-	
	f.	Others Specify	CA Area -2025.84 Sqm & services -255.38 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	40468.23 Sqm	
14.		DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	There is no demolition work	
	b.	Total quantity of Excavated earth (in cubic meter)	63,340 m^3	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	63,340 m^3	
	d.	Excess excavated earth (in cubic meter)	-	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Excavated soil is used within the project site	
15.		WATER		
	I.	Construction Phase		
	a.	Source of water	Construction water will be sourced from STP tertiary treated water & Domestic water for labourers will be sourced from external suppliers	
	b.	Quantity of water for Construction in KLD	74 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	15 KLD	
	d.	Waste water generation in KLD	13.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	351 KLD
			Recycled	176 KLD
			Total	527KLD

	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	474 KLD
	d.	STP capacity	500 KLD
	e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology
	f.	Scheme of disposal of excess treated water if any	Excess treated water will be used for construction works/Avenue plantation
16.		INFRASTRUCTURE FOR RAINWATER HARVESTING	
	a.	Capacity of sump tank to store Roof run off	285 m^3
	b.	No's of Ground water recharge pits	25 Nos. & 150 cum storm water collection sump
17.		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the existing external storm water drain on southern side of the project site.
18.		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to BBMP. Construction debris - 157m^3 This will be reused within the site for road and pavement formation
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1172 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	781 kg/day Recyclable wastes will be handed over to authorized waste recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation : 0.486 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation waste generation and mode of	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for

		Disposal as per norms	further processing.
19.		POWER	
	a.	Total Power Requirement - Operational Phase	2122 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA 2 No
	c.	Details of Fuel used for DG Set	209.52 L/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	1) Solar heaters 2) Solar lightings 3) CFL & LED Lightings 4) VFD in pumps & lifts The overall energy savings is around 27 %
20.		PARKING	
	a.	Parking Requirement as per norms	859 Nos. (provided 1109 Nos)

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

This is an expansion project and EC for the existing unit was issued during the year 2016 and corrigendum for the same was issued during 2019. The proponent has stated that he has utilized the FAR to an extent of 2.249 as against 2.25. Now the proponent has stated that he has entitled to have 3.6 FAR for the reason that TDR(Transfer of Development Rights) to an extent of 1.35 has been loaded. Now this expansion is from 148666.94sqm to 157278.82sqm, hence the addition is only to an extent of less than 6%.

The proponent has also stated that he has started collecting data from the date of application during the month Feb-2020 and carried out studies during the month of March-2020 and further he could not proceed with the data collection during the month of April due to COVID-19 lockdown. And he has stated that he has restarted collecting data in the month of May-2020 and because of the onset of monsoon, he didn't continue with the data collection and in this regard he requested to accept the EIA report prepared based on the data collected during March and May- 2020.

The committee after discussion and deliberations, in view of the extraordinary crisis due to COVID-19, decided to accept his plea and to recommend the proposal to SEIAA to issue the standard TORs to conduct EIA studies in accordance with the EIA

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

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

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

246.8 Proposed Building and construction project at Sy No. 215/1, 215/2, 216, 217/1, 217/2, 218(P), 219, 220/1, 221, 222/3A, 222/1A, 222/2, 254/1, 254/2, 254/3, 255/1, 255/2, 255/3, 255/4, 256/1, 256/2, 256/3, 257(P), 258/2P Kadugodi Village, Bidarahalli Hobli , Bangalore East Taluk, Bangalore East Karnataka by **ALEMBIC CITY, WHITE FIELD, BANGALORE (SEIAA 69 CON 2020)**

1.	Name & location details of the project with a) Colored Google map b) Enlarged CDP map c) Contour map with RLs. d) Dated site Photographs.	Project Name: Alembic City, White field, Bangalore Location : Sy No. 215/1, 215/2, 216, 217/1, 217/2, 218(P), 219, 220/1, 221, 222/3A, 222/1A, 222/2, 254/1, 254/2, 254/3, 255/1, 255/2, 255/3, 255/4, 256/1, 256/2, 256/3, 257(P), 258/2P, Kadugodi Village, BidarahalliHobli

		Bangalore East, Karnataka. a) Google Map – submitted along with Form 1A (Annex II) b) CDP Map –submitted with Form 1A (Annex III) c) Contour Map – submitted with Form 1A (Annex IX) d) Dated Site Photographs – enclosed **Annex** to this document
2.	Name of project proponent & address	Mr. T. Balaraman (Head) **Shreno Ltd.,** Near Whitefield Railway Station, Whitefield, Bangalore - 5600066
3.	Name of the consultant and accreditation	Aditya Environmental Services Pvt. Ltd. 107, Hiren Light Industrial Estate Moghul Lane, Mahim BhagojiKeer Rd Marinagar Colony Mahim Mumbai, Maharashtra - 400016 Accreditation vide' QCI NABET's letter no. NABET/EIA/ACO/19/0892, dated 18th January, 2019, for EIA Consultant Organization.
4.	Land use plan, previous land use and land conversion details:	Land use of project site was industrial in the past. A Glass Manufacturing Industry existed at the site which was operational till 1984. The land is now being converted for commercial purpose. Land use and land conversion documents are submitted with Form 1 as (Annex VII)
5.	Particulars of sensitive areas and water bodies with distance from the property.	• Sathya Sai Baba Mandir- Approx1.2 Km* ~ NNW Direction • Chaithanya Health Park- Approx 0.7 Km* ~ SSW Direction • Karnataka Corporation Oil Seeds Limited- Approx 0.2 Km* ~ SW Direction • Whitefield Railway Station – Approx 0.45 Km* ~ NE Direction • Ujjwal World School – North boundary

6.	New/Expansion/modernization	New	
7.	Status of organization	Limited Company	
8.	Documents submitted (mandatory)		
	1. Form 1	Submitted as a part of EC application	
	2. Form 1A	Submitted as a part of EC application	
	3. Conceptual plan	Submitted as a part of EC application	
9.	Nature of project	Commercial Project	
	Building & Construction Project	A-B and D-G Tower- 3B+G+13 UF C Tower 3B+G+17 UF H Tower 3B+G+21 UF J Tower- 2B+G+5 UF Commercial Block- 3B+G+19 UF Social and Retail- 2B+G+2 UF Silo- G+6 UF (existing – to be retained) Bridge (existing – to be retained)	
10.	Height of the building (in m)	90.05 (max)	
	Existing road width in front of the project site (in m)	State Highway 35 – 36 m	
	Distance to the nearest Fire Station (in km)	Whitefield Fire Station : 2.45 Km* *Aerial Distance	
11.	Project cost in Rs. (in Lakhs)	Rs. 1558 Crores	
12.	Land records/particulars submitted	Yes (Submitted with Form I of Annex VII)	
13.	Details of source of water	**Construction Phase**	**Operation Phase**
		Three existing registered bore wells and tertiary treated water from BWSSB	Three existing registered bore wells and BWSSB supply

14.	• If the source of water is other than BWSSB, is scientific assessment report along with impact on competitive users enclosed? • Does the project come under grey area? If so status of CGWA permission	No, not applicable No, not applicable.	
15.	Water requirement (KLD) along with water balance chart.	**Construction Phase:** Approx.145 kld during peak construction **Operation Phase:** Approx.2319 kld of fresh water Water Balance Chart is submitted with Form I of Annex V.	
16.	Submitted NOC from competent Authority for water supply?	**Yes/No** No	**Name of Authority** Not Applicable
17.	Laborers details		
	Location of the laborer camp:	No labor colony is proposed at site.	
	No. of laborers	350	
	No. of toilets provided for them	12	
	Method of Waste water/Sewage disposed	UGD of Bruhat Bengaluru MahanagaraPalike (BBMP)	
	Size of the Septic Tank & Soak pit	Not applicable.	
	Solid waste generated (kg/day) and it disposal details	Approx. 50 kg/day solid waste will be generated during 1. Domestic waste: will be negligible as there will be no labour colony at site. The biodegradable waste will be composted at the site and non-biodegradable will be disposed. 2. Liquid waste: The sewage generating from the temporary toilets will be connected to	

		the UGD.
18.	Excavated Earth: Quantity (in Cum) and its disposal plan	Earthwork will involve generation of approx. 10,54,000 cum of soil. Top soil during excavation shall be used for internal landscaping works. Rest of the soil will be disposed. MoU with the parties are submitted along with application
19.	If disposed off in other's property, agreement for same	Yes
20.	Construction debris	1. Concrete wastage and wasted mortar: will be crushed, aggregated and mixed with other road sub-base construction material. Waste/damaged construction material, sieved sand, broken brick bats and chipped plaster will also be used in the construction of roads, and for backfill, under margins/pitching of storm water drains, periphery curbing of roads etc. Broken tiles, wasted sanitary ware, broken glass and other glazed/vitrified material will be collected, broken again into suitable size pieces and used for exposed structures of the buildings and on the floors of parking/parking approaches. 2. Metal scraps: will be sold to local scrap dealers for onward recycling. 3. Waste packaging material and wooden waste, used plastic bags of cement and other construction material: will be sold back to the supplier for reuse. 4. Excavated Material - Substratum removed during foundation will be partially used for refilling at site.
21.	Size of STP (KLD) and Technology adopted with flow diagram.	Sewage Treatment Plants (STPs) of total 4160 kld capacity will be installed.
22.	Disposal of excess treated waste water:	3060 kld of treated water will be recovered and used for flushing, horticulture and sprinkling.

	Does sewer line exist? If not, give the plan for disposal.	Treated water conforming to KSPCB's standard for ground disposal will be used in horticulture and toilet flushing. Yes.		
23.	Solid waste generated	**Type**	**Quantity (MT/day)**	**Mode of Disposal**
	Approx. 17.68 MT/day	Biodegradable	10.07	After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) and will be used as manure at the Project site.
		Non-biodegradable	6.71	Recyclable shall be sold to the vendors. Non-degradable waste shall be sent to the nearest sanitary Landfill site.
		Inert	0.9	Sent to Common Solid waste Management facility.
24.	Hazardous waste generated	Sump oil from the standby DG to be sold to Authorized Recyclers.		
25.	Rain water harvesting proposed with details of recharge pits and collection sump.	61 No's of recharge pits will be proposed with Rain water harvesting collection tank of 3,833.2m3/hr.		
26.	Power requirement with source:	Approx. 37 MvA Bangalore Electricity Supply Company (BESCOM).		
27.	DG sets details with number and capacity:	Total 57 DGs set with 79,300 KvA as backup with fuel requirement of (Diesel) approx. 15860 l/hr.		
28.	Energy conservation devices proposed in the project and savings in percentage	• Bicycle tracks in the campus • LED Lamps will be utilized to illuminate passages and toilet whenever applicable in		

		place of CFL as they work on higher Lumen efficacy. • Solar lights will be utilized in common areas. • Separate lighting circuit feeders and distribution boards are proposed from raw power circuits. • Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. • Street lights will be controlled using seasonal programmable timers to reduce consumption. • The size of the motor to be kept considering 80% load to obtain highest efficiency performance. • All higher rating motors are proposed with soft starters to save energy during starting and to achieve smooth starting of motor. • Timers shall be provided for corridors/ car park lighting. • Thermal Glazing ST-167 will be used as wall material, energy efficient motors are proposed.
29.	• Landscape plan proposed (in Sqm& percentage) On natural earth:	Landscape Area: 35000sq.m (20%) of the total plot area 35000 sq.m
	On podium:	1170 sq.m of landscape area proposed in the project
	• Number of trees cut & retained. • List of tree species proposed (with emphasis on local and fruit/flower bearing species & number):	The project site has wooded area and orchards grown in the past. All the trees which are not coming in the foot print of the building will be retained and only coconut orchard and bushes present in the site will be removed.There are about 1256 trees of which 245 coconut trees will be cut. Around 2550 trees with large and medium canopy size shall be planted in addition to the existing ones. The following are the proposed trees:

		<table><tr><th>Botanical Name</th><th>Common Name</th><th>No. of Tree Proposed</th></tr><tr><td></td><td></td><td>200</td></tr><tr><td>Azadirechtaindica</td><td>Neem</td><td>150</td></tr><tr><td>Mangiferaindica</td><td>Mango</td><td>150</td></tr><tr><td>Terminaliacatappa</td><td>Badam</td><td>150</td></tr><tr><td>Delonixregia</td><td>Gulmohar</td><td>200</td></tr><tr><td>Lagerstroemia flos- reginae</td><td>Queen's Flower</td><td>200</td></tr><tr><td>Cordiasebestena</td><td>Scarlet Sebesten</td><td>100</td></tr><tr><td>Cassia javanica</td><td>Java Cassia</td><td>200</td></tr><tr><td>Bombaxmalabaricum</td><td>Red Silk Cotton</td><td>150</td></tr><tr><td>Brassaiaactinophylla</td><td>Octopus Tree</td><td>150</td></tr><tr><td>Callistemon lanceolatus</td><td>Bottle Brush</td><td>100</td></tr><tr><td>Dolichandroneplatycalyx</td><td>Nile Tulip Tree</td><td>200</td></tr><tr><td>Erythrinaindica</td><td>Coloured Sterculia</td><td>200</td></tr><tr><td>Gliricidiasepium</td><td>Mother of Cocoa/ Quick stick (Jamaica)</td><td>200</td></tr><tr><td>Jacaranda mimosaefolia</td><td>Jacaranda</td><td>200</td></tr><tr><td colspan="2">Total Trees</td><td>2550</td></tr></table>
30.	Parking facilities provided: Cars Two-Wheelers	Cars: 7810 Nos. Two Wheelers: 10% of the parking area.
31.	Traffic study details with dated peak hour traffic density photographs:	Will be a part of EIA
32.	Status of construction	Construction will start after obtaining

		environmental clearance
33.	Legal issues pending (if any)	No.
34.	Conceptual plan of your project to be submitted	Submitted with Form 1A (Annex IV).
35.	Any novel green building concept adopted?	Applied for LEED V4 Core & Shell Rating and aiming for Platinum rating (80+ points). Supporting documents submitted.

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

The proponent has stated that he is going for LEED certification and owing to this fact he has requested to list the subject on priority basis and accordingly same has been considered on out of turn basis in accordance with OM dated 27-06-2011 issued by MoEF &CC, GoI. The proponent has also stated that he has started collecting data from the month of Dec-2019 and completed the data collection during the month of Feb-2020. But he has stated he has made out the application during March-2020 and requested the committee to permit him to adopt the data collected during Dec, Jan, Feb-2020 i.e. prior to date of application and the proponent has also stated that he will go for one time data collection. The proponent has also stated that the data collected is valid for 3 years as per the Office Memorandum dated 29.08.2017 issued by MoEF&CC, GoI. The committee after discussion and deliberation decided that there is no precedence of permitting to adopt the data collected prior to application date and also MoEF Notification about the validity of data mainly pertains to the data collected consequent to issue of TORs. In view of the above committee decided to seek advice from SEIAA before proceeding with the appraisal. For this the proponent has stated that he will come back with proper clarification in this regard and hence the committee decided to defer the proposal.

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

246.9 Proposed Building Stone Quarry Project at Sy.No.31 of Baraka Village, Koratagere Taluk, Tumkur District (21-0 Acres) by **Sri R KUMAR (SEIAA 82 MIN 2020)**

<table>
<tr><td>Sl. No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Mr. R Kumar
No. 143, 2nd Main Road, B/W 7th& 8th Cross, Chamarajpete,
Bengaluru-560065</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone/M-Sand Quarrying",
Sy.No. 31, Baraka Village,
Koratagere Taluk, Tumkur District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><td>Boundary points</td><td>LATITUDE</td><td>LONGITUDE</td></tr><tr><td>A</td><td>13°30'10.3"</td><td>77°10'01.0"</td></tr><tr><td>B</td><td>13°30'02.1"</td><td>77°10'08.7"</td></tr><tr><td>C</td><td>13°30'16.3"</td><td>77°10'14.8"</td></tr><tr><td>D</td><td>13°30'17.2"</td><td>77°10'13.0"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone for manufacturing M-Sand</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Govt. Revenue Lands</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>Not Applicable</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>8.50 Ha. (21-00acres)</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>Not Applicable</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>Not Applicable</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>Not Applicable</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification</td><td>New proposal</td></tr>
</table>

	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		50,000 tons per annum
14	Quantity of Topsoil/Over burden in cubic meter		Nil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Average 243m^3/Annum of waste (mining losses)
16	Project Cost (Rs. In Crores)		5.00 Crore
17	Environmental Sensitivity		
	a.	Nearest Forest	Kavaragal State Forest is situated towards south adjacent to the applied quarry lease area
	b.	Nearest Human Habitation	Baraka village is situated at a distance of 1.30km
	c.	Educational Institutes, Hospital	The Villages in the buffer zone have primary educational facilities and higher education & technical courses are available at Koratagere village about 11kms from quarry lease.
	d.	Water Bodies	Gatlahalli Tank is situated about 850m towards north side
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		Not Applicable
19	Details of Land Use in Ha: 8.50 Ha. (21 acres)		
	a.	Area for Mining/ Quarrying	0.500 Ha.
	b.	Waste Dumping Area	Nil
	c.	Top Soil Storage Area	Nil
	d.	Mineral Storage Area	0.120(temporary)
	e.	Infrastructure Area	0.100 Ha.
	f.	Road Area	0.150 Ha.
	g.	Green Belt Area	1.00 Ha.
	h.	Unexplored area	5.31 Ha.
	i.	Others Specify	1.12 Ha. (proposed crushing plant) 0.200 Ha.(safety bund)

<table>
<tr><td>20</td><td colspan="2">Method of Mining/ Quarrying</td><td>Semi Mechanized method of opencast quarrying</td></tr>
<tr><td>21</td><td colspan="2">Rate of Replenishment in case River sand project</td><td>Not Applicable</td></tr>
<tr><td>22</td><td colspan="2">Water Requirement</td><td>5KLD</td></tr>
<tr><td rowspan="2"></td><td>a.</td><td>Source of water</td><td>Bore well is situated towards North side about 1kms from the Quarry site & is the source of water used for drinking. Separate arrangements shall be made from non-domestic purposes</td></tr>
<tr><td>b.</td><td>Total Requirement of Water in KLD</td><td><table>
<tr><td>Sl.no.</td><td>Particulars</td><td>KLD</td></tr>
<tr><td>1</td><td>Drinking</td><td>1.50</td></tr>
<tr><td>2</td><td>Dust suppression</td><td>1.50</td></tr>
<tr><td>3</td><td>Afforestation</td><td>1.00</td></tr>
<tr><td>4</td><td>Miscellaneous</td><td>1.00</td></tr>
<tr><td colspan="2">Total</td><td>5.00</td></tr>
</table></td></tr>
<tr><td>23</td><td colspan="2">Storm water management plan</td><td>The proposals for construction of check dams, retaining walls/safety bunds & garland drains are provided and shall be implemented as per the EMP protective measures and guidelines issued by SEIAA in this regard.</td></tr>
</table>

The proponent and environment consultant attend the 246th SEAC meeting held on 30-06-2020 to provide required information/clarification.

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

The committee after discussion and deliberations decided to recommend the proposal to SEIAA to issue the standard TORs to conduct EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional TORs.

1. Latest NOC from the Forest department keeping in view the latest notification regarding Wildlife/National Park and other protected areas.
2. The mining area being very large, the details of baffle wall all round the mining area may be detailed and submitted.

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

Fresh Projects

246.10 Proposed "Change In Product Mix For Bulk Drugs And Intermediates" At Sy. No's. 30/1, 30/2, 30/3, 30/4, 31/1, 31/2, 39/1, 39/2, 40/1 Virgonagar Industrial Area, Old Madras Road, Virgonagar, Bengaluru East Taluk, Bengaluru District & Karnataka State by **M/s. Cipla Ltd (SEIAA 30 IND 2020)**

Sl. No	PARTICULARS		INFORMATION
1	Name and Address of the Project Proponent		**M/s. Cipla Ltd** No. 30/1, 30/2, 30/3, 30/4, 31/1, 31/2, 39/1, 39/2, 40/1 Virgonagar Industrial Area, Old Madras Road, Virgonagar, Bengaluru East Taluk, Bengaluru District & Karnataka State, Karnataka.
2	Name and Location of the Project		**Name of the Project:** "Change in Product Mix for Bulk Drugs and Intermediates" **Location of the Project:** No. 30/1, 30/2, 30/3, 30/4, 31/1, 31/2, 39/1, 39/2, 40/1 Virgonagar Industrial Area, Old Madras Road, Virgonagar, Bengaluru East Taluk, Bengaluru District & Karnataka State, Karnataka.
3	Co-ordinates of the Project Site		**Latitude:** 13° 1'38.25"N **Longitude:** 77°43'55.77"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	1. Sri Yallammachetty lake : Adjacent (W) 2. K R Puram Lake: 3.5 Km (W)
	b.	Distance from Protected area notified under wildlife protection act	--
	c.	Distance from the interstate boundary	Karnataka- Tamil Nadu interstate boundary - 21 km (SE)
	d.	Whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial		Activity 5 (f) of Category-B

	number		
6	New/ Expansion/ Modification/ Product mix change		Product mix change
7	Plot Area (Sqm)		60,986 Sqmt
8	Built Up area (Sqm)		
9	Component of developments		"Change in Product Mix for Bulk Drugs and Intermediates"
10	Project cost (Rs. In crores)		Rs. 264 crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	24080
	b.	Kharab Land	--
	c.	Internal Roads	13913
	d.	Paved area	--
	e.	Parking	--
	f.	Green belt	22993
	g.	Others Specify	--
	h.	Total	60986
12	Products and By- Products with quantity (enclose as Annexure if necessary)		List of Proposed Products are enclosed as **Annexure – 2.**
13	Raw material with quantity and their source (enclose as Annexure if necessary)		The Raw materials required for the proposed products along with their quantity is briefed in process description.
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process mostly bought from the local (indigenous) markets. Mode of transportation of all materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of fuel to the project site is by road and will be stored in storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Furnace oil is used for boilers. Hence not applicable.
17	Complete process flow diagram and technology employed		The complete process description along with route of synthesis, flow diagram and material balance for the proposed products is attached as **Annexure – 4.**
18	Details of Plant and Machinery with capacity/ Technology used		**Sl.** / **Boiler Capacity** / **Fuel Consumption** 1 / Boiler of 3 TPH - I / 189 Kg/Hr FO 2 / Boiler of 3 TPH / 189 Kg/Hr FO

				- II	
			3	Boiler of 2 TPH - I	120 Kg/Hr FO
19	Details of VOC emission and control measures wherever applicable		---		
20	WATER				
	I.	Construction Phase			
	a.	Source of water	KIADB		
	b.	Quantity of water for Construction in KLD	The proposed project is change in product mix of bulk drugs and intermediates within existing premises. Hence there is no construction phase.		
	c.	Quantity of water for Domestic Purpose in KLD	Not applicable		
	d.	Waste water generation in KLD	Not applicable		
	e.	Treatment facility proposed and scheme of disposal of treated water	Not applicable		
	II	Operational Phase			
	a.	Source of water	KIADB		
	b.	Total Requirement of Water in KLD	Fresh	324	
			Recycled	184	
			Total	**508**	
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	239	
			Recycled	184	
			Total	**423**	
	d.	Requirement of water for domestic purpose in KLD	Fresh	45	
			Recycled	-	
			Total	**45**	
	e.	Waste water generation in KLD	Industrial effluent	195	
			Domestic sewage	40	
			Total	**235**	
	f.	ETP/ STP capacity	Combined Effluent treatment plant of 250 KLD and MEE of 30 KLD and 70 KLD with stripper and ATFD		
	g.	Technology employed for Treatment	Combined Effluent treatment plant of 250 KLD and MEE of 30 KLD and 70 KLD with stripper and ATFD		
	h.	Scheme of disposal of excess treated water if any	Zero liquid discharge		
21	Infrastructure for Rain water harvesting		Will be implemented		
22	Storm water management plan		Will be implemented		
23	Air Pollution				

	a.	Sources of Air pollution	The sources of air pollution along with control method is detailed in PFR
	b.	Composition of Emissions	--
	c.	Air pollution control measures proposed and technology employed	Scrubbers, Chimney
24	Noise Pollution		
	a.	Sources of Noise pollution	DG set, motors, compressor
	b.	Expected levels of Noise pollution in dB	75 dB
	c.	Noise pollution control measures proposed	DG set has been installed with inbuilt acoustic enclosures.
25	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	The list of solid waste with their quantities is mentioned in PFR report
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	The list of hazardous waste with their quantities is mentioned in PFR report
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26	Risk Assessment and disaster management		Risk assessment has been done and enclosed along with application.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	Power required - 12341 KW Source- BESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 X 1500 KVA and 1 X 1250 KVA
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Boiler - Furnace oil DG set - HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--
28	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	Approach road width- 15 m Internal road width - 4.5 m
29		Any other information specific to the project (Specify)	--

The proponent and environment consultant attend the 246th SEAC meeting held on 29-06-2020 to provide required information/clarification.

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

This is a proposal for expansion & modification of existing unit, for which EC was issued in the month of October 2019. The proponent has stated that he has not operationalized the unit after the earlier EC & hence the certified EC compliance has not been submitted. Earlier EC was covering 67 products, now the proponent has stated that he is reducing the number of products to 40, out of which 37 products were envisaged in the earlier EC & additional three products are proposed under this EC application. But however total production get increased from earlier 249.58 TPA to 370 TPA & the proponent has also stated that he will take up manufacturing of 14 products out of 40 products at any given point of tiine & proponent has also stated that he has worked out the water requirement and also the pollution load based on this parameter.

In the previous SEAC meeting, one suggestion to the proponent was to utilize the water of adjacent Yelemallappa Chetty Lake with due permission from the proper authorities, for which the proponent has stated that this is under process & will be fructified within shoryt time.

The proponent has also stated that this unit being located adjacent to Yelemallappa Chetty Lake, he will take up beautification of lake in collaboration with the concerned authorities, since rejuvenation of lake is already been taken up by other Government agency.

As far as finding alternatives to Toluene solvent is concerned, the proponent has stated that he will dispense with the use of Toluene and go for the alternatives.

As far as Boiler fuel is concerned the proponent has stated that he will go for CNG/Briquettes instead of furnace oil.

As far as water storage details are concerned, the proponent has stated that he will increase the storage capacity of rain water from the roof area from the existing 40 cum to 110 cum, with regard to storage of rainwater from the hard paved area, the proponent has stated that he will put up a storage tank of capacity 220 cum.

As far as CER is concerned the proponent has stated that he has earmarked 3 crores and the same will be contributed to CM care fund.

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

1) Toluene solvent may be replaced by alternatives.
2) For boiler fuel CNG/Biomass briquettes may be used instead of furnace oil.
3) Utilize the water of adjacent Yelemallappa Chetty Lake for the process with due permission from the proper authorities.
4) Take up beautification of adjacent Yelemallappa Chetty Lake in collaboration with the concerned authorities.
5) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

246.11 Proposed Establishment of manufacturing facility for Bulk drugs and R&D for custom synthesis At Plot No: 281 and 282, KIADB industrial area, Kadechur Village, Yadgiri Taluk and District - 585221, Karnataka By **M/s. Vignesh Life Sciences Pvt Ltd (SEIAA 31 IND 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. A. Rama Prabhu #202, Sarada Residency, H-26, Madhura Nagar, Ameerpet, Hyderabad 500038
2	Name & Location of the Project	M/s. Vignesh Life Sciences Pvt. Ltd., Manufacturing facility for Bulk drugs and R&D for custom synthesis Plot No: 281 & 282, KIADB industrial area, Kadechur Village, Yadgiri Taluk and District- 585221, Karnataka.

<table>
<tr><td>3</td><td colspan="2">Co-ordinates of the Project Site</td><td>Project site Co-ordinates:
<table>
<tr><th>Sl. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>16° 31.424'N</td><td>77° 18.399'E</td></tr>
<tr><td>B</td><td>16° 31.363'N</td><td>77° 18.400'E</td></tr>
<tr><td>C</td><td>16° 31.361'N</td><td>77° 18.452'E</td></tr>
<tr><td>D</td><td>16° 31.424'N</td><td>77° 18.451'E</td></tr>
</table></td></tr>
<tr><td>4</td><td colspan="3">Environmental Sensitivity</td></tr>
<tr><td rowspan="4"></td><td>a.</td><td>Distance from Nearest Lake/ River/ Nala</td><td>
<table>
<tr><th>Sl. No.</th><th>Location</th><th>Distance (km)</th><th>Directions</th></tr>
<tr><td>1</td><td>River Bhima</td><td>8.2</td><td>SW</td></tr>
<tr><td>2</td><td>River Krishna</td><td>12.3</td><td>S</td></tr>
<tr><td>3</td><td>Kadechur lake</td><td>2.8</td><td>SE</td></tr>
<tr><td>4</td><td>Balched lake</td><td>4.4</td><td>NE</td></tr>
</table></td></tr>
<tr><td>b.</td><td>Distance from Protected area notified under wildlife protection act</td><td>No protected area notified under wildlife protection act within 10 km radius of the project site.</td></tr>
<tr><td>c.</td><td>Distance from the interstate boundary</td><td>The project site is 2.7 km away from the state boundary of Telangana (District Mahbubnagar, Maganur Mandal)</td></tr>
<tr><td>d.</td><td>Whether located in critically / severally polluted area as per the CPCB norms</td><td>Not Applicable</td></tr>
<tr><td>5</td><td colspan="2">Type of Development as per schedule of EIA Notification, 2006 with relevant serial number</td><td>Sl. No. 5(f) of EIA notification 2006. Synthetic organic chemicals industry - Bulk Drugs, APIs and intermediates</td></tr>
<tr><td>6</td><td colspan="2">New/ Expansion/ Modification/ Product mix change</td><td>New Project for Establishment of Bulk Drugs and R&D for custom synthesis</td></tr>
<tr><td>7</td><td colspan="2">Plot Area (Sqm)</td><td>8000 sqm OR 2 Acres</td></tr>
<tr><td>8</td><td colspan="2">Built Up area (Sqm)</td><td>2241sqm</td></tr>
<tr><td>9</td><td colspan="2">Component of developments</td><td>Project is a greenfield project for Establishment of Bulk Drugs and R&D for custom synthesis. The main components include:
Production block
Warehouse
Hydrogenation Block
Solvent yard</td></tr>
</table>

<table>
<tr><td></td><td colspan="2"></td><td>• Boiler House
• Utility Block
• ETP with MEE
• Security office
• Parking</td></tr>
<tr><td>10</td><td colspan="2">Project cost (Rs. In crores)</td><td>INR 3.5 Cr</td></tr>
<tr><td>11</td><td colspan="3">Details of Land Use (Sqm)</td></tr>
<tr><td rowspan="8"></td><td>a.</td><td>Ground Coverage Area</td><td>2241sqm</td></tr>
<tr><td>b.</td><td>Kharab Land</td><td>-</td></tr>
<tr><td>c.</td><td>Internal Roads</td><td>Shown in layout plan</td></tr>
<tr><td>d.</td><td>Paved area</td><td>Shown in layout plan</td></tr>
<tr><td>e.</td><td>Parking</td><td>262.06sqm</td></tr>
<tr><td>f.</td><td>Green belt</td><td>2771.54sqm</td></tr>
<tr><td>g.</td><td>Others Specify</td><td>Open & Road Area : 2725.4sqm</td></tr>
<tr><td>h.</td><td>Total</td><td>8000sqm</td></tr>
<tr><td>12</td><td colspan="2">Products and By- Products with quantity (enclose as Annexure if necessary)</td><td>List of proposed products:
<table>
<tr><th>Sl. No.</th><th>Products</th><th>Quantity (in TPA)</th></tr>
<tr><td>1.</td><td>PhenazopyridineHCl- USP</td><td>10.00</td></tr>
<tr><td>2.</td><td>AmbroxolHCl IP/BP/ EP</td><td>40.00</td></tr>
<tr><td>3.</td><td>Docusate Sodium</td><td>20.00</td></tr>
<tr><td>4.</td><td>Docusate Sodium Powder 85%</td><td>20.00</td></tr>
<tr><td>5.</td><td>Monobenzone</td><td>0.50</td></tr>
<tr><td>6.</td><td>Pamabrom – USP</td><td>1.00</td></tr>
<tr><td>7.</td><td>Glucosamine</td><td>100.00</td></tr>
<tr><td colspan="2">Total</td><td>191.50</td></tr>
</table></td></tr>
<tr><td>13</td><td colspan="2">Raw material with quantity and their source (enclose as Annexure if necessary)</td><td>Raw materials with quantity and their sourcesare detailed in EMP reportand Annexure.</td></tr>
<tr><td>14</td><td colspan="2">Mode of transportation of Raw material and storage facility</td><td>Most of the raw materials will be received by road ways only. Dedicated storage facility will be provided for raw materials.</td></tr>
<tr><td>15</td><td colspan="2">Transportation and storage facility for coal / Bio-fuel in case of thermal power plant</td><td>Briquettes are used as Boiler Fuel. Briquette will be received by road ways only. Dedicated storage facility will be provided.</td></tr>
<tr><td>16</td><td colspan="2">Fly ash production, storage and disposal details whereas coal is</td><td>Boiler Ash generated will be stored separately and will be sent to Brick Manufactures.</td></tr>
</table>

	used as fuel			
17	Complete process flow diagram and technology employed	Process flow diagram is detailed in EMP report. General process of chemical route synthesis involves reaction of chemicals in reactors, separation and recovery of solvents, cooling, crystallization and packing of product.		
18	Details of Plant and Machinery with capacity/ Technology used	Main plant equipments & machineries: • Boiler : 2 TPH • DG Set : 1x125 kVA • SS Reactors : 3 Numbers • GL Reactors : 3 Numbers • Centrifuge : 2 Numbers		
19	Details of VOC emission and control measures wherever applicable	• Total VOC emissions from process. • Fugitive VOC emissions from process. Details of the same is provided in EMP report		
20	WATER			
	I.	Construction Phase		
	a.	Source of water	KIADB supply / Tanker	
	b.	Quantity of water for Construction in KLD	4 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	2 KLD	
	d.	Waste water generation in KLD	1.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage will be treated in the Modular STP	
	II	Operational Phase		
	a.	Source of water	KIADB supply (Bhima River)	
	b.	Total Requirement of Water in KLD	Fresh Water requirement : 15.5 KLD	
	c.	Requirement of water for industrial purpose / production in KLD	Fresh Water requirement : 9.5 KLD	
	d.	Requirement of water for domestic purpose in KLD	1 KLD	
	e.	Waste water generation in KLD	Industrial effluent	LTDS: 3.6KLD HTDS: 2 KLD
			Domestic sewage	0.9 KLD (LTDS)
			Total	6.5 KLD

	f.	ETP/ STP capacity	Capacity of ETP with MEE & ATFD : 7 KLD
	g.	Technology employed for Treatment	• Total wastewater generated from facility will be 6.5 KLD. • It is proposed that all the wastewater generated within the plant, both LTDS effluent of 4.5 KLD &HTDS effluent of 2 KLD, will be treated in an in-house treatment facility. • LTDS effluent will be treated in biological ETP along with sewage of 0.9 KLD & Evaporator Condensate of 1 KLD from HTDS treatment. • The treated effluent will be tertiary treated in RO and the permeate will be used for cooling tower water makeup, Washing and Scrubber. • HTDS effluent will be treated in primary treatment followed by MEE and ATFD. • The salts from MEE & ATFD will be disposed to TSDF of M/s. Mother Earth Environ Tech Private Limited which is located within 50 m distance from the proposed project site. • ZLD concept will be followed and no treated water will be discharged outside.
	h.	Scheme of disposal of excess treated water if any	ZLD concept will be followed and no treated water will be discharged outside.
21	Infrastructure for Rain water harvesting		• Roof top rainwater shall be harvested and stored in Rainwater harvesting tank/pond. • A sump of 50 m^3 capacity will be provided for storage of roof top water. • After pre-treatment, collected water will be used for toilet flushing and gardening purpose.
22	Storm water management plan		• Recharging pits will be provided along the storm water drains. • Each recharging pit will be of size 1.2 m dia x 2.5 m deep spaced at 10 m center to center. • These recharging pits are filled with graded media comprising of boulder at bottom and with coarse aggregates to facilitate percolation of harvested rainwater to recharge ground water. • The recharge pits will be interconnected in such a way that the rain led to the first recharge pit is also led to the next pit.

<table>
<tr><td></td><td colspan="2"></td><td>• The surface run off shall be presumed to be recharged and excess find its way to the external storm water drain.</td></tr>
<tr><td>23</td><td colspan="3">Air Pollution</td></tr>
<tr><td></td><td>a.</td><td>Sources of Air pollution</td><td>The major air pollution sources from the industry are boiler, process section, thermic fluid heater and DG set.</td></tr>
<tr><td></td><td>b.</td><td>Composition of Emissions</td><td>Acid mist / VOCs, SO_2, NOx</td></tr>
<tr><td></td><td>c.</td><td>Air pollution control measures proposed and technology employed</td><td><table><tr><th colspan="2">Sources</th><th>Control measure</th></tr><tr><td>i</td><td>125 kVA DG set
Fuel: High Speed Diesel (HSD)</td><td>Chimney of 3 m ARL with acoustic enclosure</td></tr><tr><td>ii</td><td>Process emissions attachedto reactors</td><td>Chimney of height 3 m ARL with Acidic Fume scrubber</td></tr><tr><td>iii</td><td>Boiler (2 TPH)
Fuel: Briquette</td><td>Chimney of height 16 m AGL with Cyclone dust separator</td></tr></table></td></tr>
<tr><td>24</td><td colspan="3">Noise Pollution</td></tr>
<tr><td></td><td>a.</td><td>Sources of Noise pollution</td><td>Process section, Boiler and DG sets.</td></tr>
<tr><td></td><td>b.</td><td>Expected levels of Noise pollution in dB</td><td>Within the limits KSPCB prescribed for industrial area.</td></tr>
<tr><td></td><td>c.</td><td>Noise pollution control measures proposed</td><td>Manufacturing process will take place in closed system/clean room.DG setwill be used only during the emergency of power failure to run essential services. Acoustic enclosures will be provided to DG set.</td></tr>
<tr><td>25</td><td colspan="3">WASTE MANAGEMENT</td></tr>
<tr><td></td><td>I.</td><td colspan="2">Operational Phase</td></tr>
<tr><td></td><td>a.</td><td>Quantity of Solid waste generated per day and their disposal</td><td>Biodegradable
Non- Biodegradable
Solid Waste:
Office waste like paper etc. is expected.
Plastic drums and bags will be sold to KSPCB authorized recycler.</td></tr>
<tr><td></td><td>b.</td><td>Quantity of Hazardous Waste generation with source and mode of Disposal as per norms</td><td><table><tr><th>Hazardous waste</th><th>Quantity (TPM)</th><th>Mode of disposal</th></tr><tr><td>Used Oil</td><td>0.070</td><td>Authorized recycler</td></tr><tr><td>Inorganic residue</td><td>2.232</td><td>Authorized recycler/ Co-processing/ TSDF</td></tr></table></td></tr>
</table>

			Spent carbon+ Hyflo	0.021	Brick manufacturer
			Spent catalyst	6.181	Supplier for reactivation
			Process waste	0.180	Incineration/ co-processing
			Empty barrels / containers / liners contaminated with hazardous chemicals / wastes	1.220	Authorized recycler
			Spent Solvent	0.207	Co-processing to cement industry
			Distillation residue	2.496	Co-processing to cement industry
			Boiler Ash	0.070	Brick manufacturer
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	No E-waste generated		
26	Risk Assessment and disaster management		According to the above ALOHA simulation analysis, the consequential impacts from each release incident scenarios can be through Flammable vapour, overpressure vapour cloud and toxic release. The damage distance indicates that consequential impacts on plant personnel, equipment, machinery and surroundings. Details of risk assessment and disaster management plan are as provided in Chapter 4, Section 4.3 of EMP report.		
27	POWER				
	a.	Total Power Requirement in the Operational Phase with source	Total power requirement to the proposed project is 240 kVA and will be sourced from GESCOM.		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	It is proposed to install one DG set of 125 kVA capacity are installed to serve as a backup during power failure.		
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Fuel: • Boiler (2 TPH) : 40 kg/hr - Briquette • DG Set (125 kVA): 25 LPH - Low Sulphur content, HSD		
	d.	Energy conservation plan and Percentage of savings	None		

		including plan for utilization of solar energy as per ECBC 2007	
28	PARKING		
	a.	Parking Requirement as per norms	Provided as per standard
	b.	Internal Road width (RoW)	Detailed in Plant layout plan.
29		Any other information specific to the project (Specify)	The Project would reduce dependency on other countries and reduces the foreign exchange significantly. In terms of volume, the country's pharmaceutical industry ranks third in the world and is poised to contribute quite significantly to the global API production. In view of the outbreak of Corona Virus (COVID-19) and subsequent lockdown declared for its control, the project will enable drug production to reduce the impact of the Novel Corona Virus (COVID-19).
30		Others	EMP Budger-136.50 lakhs KIADB allotted this land to PP on -8.03.2019

The Proponent and Environment Consultant attended the 246th meeting held on 29-06-2020 to provide clarification/additional information.

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

This is a green field project, which is located at a distance of 2.7 KM from the interstate boundary i.e. Telangana state. Regarding this the proponent has stated that all these projects can be taken up as B2 category projects in view of the MoEF & CC, GoI Notification dated 23-04-2020 and requested to consider his project under B2 category only.

As far as hydrogenation process is concerned the proponent has stated that he will go for palladium as a catalyst.

During appraisal the proponent has stated that he will go for production of 2 to 3 products at any point of time out of 7 products proposed. The water requirement and other details have been worked out based on these criteria.

As far as solvent recovery is concerned the proponent has stated that he will go for multi solvent recovery system, so that solvent recovered can be reused to the maximum extent.

It is observed that the rain fall data adapted to calculate the water for RWH purpose is 182mm which committee observed is wide off the normal rain fall, for which the proponent has stated that he will re work out the Rain water storage from terrace as well as hard paved area with suitable capacities of storage tanks on the basis of average rain fall received during the last five years.

As far as CER is concerned the proponent has stated that he will earmark Rs. 7 lakhs and contribute the same to CM cares fund.

The committee after discussion and deliberation decided to recommend the proposal for issue of EC with the condition that the proponent needs to submit the following information to SEIAA.

1) Revised water flow chart taking into consideration Rain water storage from terrace as well as hard paved area based on the average rain fall received during the last five years.

Committee also prescribed the following conditions

1) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

246.12 Proposed R & D for Synthetic Organic Chemicals and Manufacturing of Bulk Drugs & Intermediates at Plot No. 61, Road No. 5, KIADB, Jigani Industrial Area, Anekal Taluk, Bangalore,Bangalore Urban,Karnataka-560105 By **M/s. Kumar Organics Products Research Centre Pvt. Ltd. (SEIAA 32 IND 2020)**

The Proponent and Environment Consultant attended the 246th meeting held on 29-06-2020 to provide clarification/additional information.

During appraisal the committee observed that as per the recent NGT order dated 19.08.2019, this project is situated within the critically polluted industrial area. The proposals within the critically polluted industrial areas are to be categorized as A category projects, however recent MoEF, GoI Notification Dated: 27th March 2020, has categorized the projects or activities in respect of Active Pharmaceutical Ingredients

(API) as B2 category. The said Notification is silent about the categorization of projects within the critically polluted industrial areas.

In view of the above committee decided to seek advice from SEIAA before proceeding with the appraisal.

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

246.13 Proposed Expansion of Herbal extraction, Bulk Drugs and Intermediates Manufacturing Unit At Plot no. 445, Metagalli, KIADB Industrial area, KRS Road Mysore Taluk, Mysore District, Karnataka By **MM HERBS (SEIAA 33 IND 2020)**

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		**Sri. B. M. Satheesha** No. 101, Nagaraj Building, M. G. Palya Main Road, M. G. palya, Bommanahalli Post, Bangalore – 560 068
2	Name & Location of the Project		**M/s. MM Herbs** Expansion of Herbal Extraction, Bulk Drugs and Intermediates Manufacturing Unit, located at Plot No. 445, KRS Road, MetagalliTaluka: Mysuru, District: Mysuru, Karnataka - 570 016
3	Co-ordinates of the Project Site		Project site Co-ordinates 12° 22′ 07.1″ N 76° 37′30.5″ E
4	Environmental Sensitivity		
	a.	Distance from Nearest Lake/ River/ Nala	• Kaveri River ~ 6 km (N)
	b.	Distance from Protected area notified under wildlife protection act	Ranganthittu bird sanctuary 7.0 KM (NE)
	c.	Distance from the interstate boundary	-
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Sl. No. 5(f) of EIA notification 2006. Synthetic organic chemicals industry **-Herbal Extraction, bulk drugs and intermediates.**
6	New/ Expansion/ Modification/ Product mix change		Expansion

7	Plot Area (Sqm)		7415.98 Sq. meter
8	Built Up area (Sqm)		1762.37 Sq. meter
9	Component of developments		Facility for manufacture of Bulk Drugs and intermediates
10	Project cost (Rs. In crores)		Existing 3 Crores Proposed cost Rs. 4.50 Crores Total: Rs. 7.50 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	2952.46
	b.	Kharab Land	-
	c.	Internal Roads	Shown in layout plan
	d.	Paved area	-
	e.	Parking	
	f.	Green belt	2787.08
	g.	Open land	1676.44
	h.	Others Specify	-
	i.	Total	**7415.98**
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Detailed in Annexure- I
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Raw materials with quantity and their source is detailed in PFR annexure
14	Mode of transportation of Raw material and storage facility		Most of the raw materials will be received by road ways only. Dedicated storage facility will be provided for raw materials.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		**N/A**
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Quantity of Fly ash generated: 383 TPA Collection, Storage, transportation and disposal to brick manufacturers
17	Complete process flow diagram and technology employed		Detailed in PFR Annexure 10
18	Details of Plant and Machinery with capacity/ Technology used		Detailed in PFR

19	Details of VOC emission and control measures wherever applicable		Detailed in EMP	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Tankers	
	b.	Quantity of water for Construction in KLD	1	
	c.	Quantity of water for Domestic Purpose in KLD	0.3	
	d.	Wastewater generation in KLD	0.3	
	e.	Treatment facility proposed and scheme of disposal of treated water	Existing onsite STP for domestic waste	
	II	Operational Phase		
	a.	Source of water	Open wells, Bore wells and Tankers	
	b.	Total Requirement of Water in KLD	Fresh	68.88
			Recycled	139.12
			Total	208
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	55.28
			Recycled	139.12
			Total	194.40
	d.	Requirement of water for domestic purpose in KLD	Fresh	2.3
			Recycled	0
			Total	2.3
	e.	Wastewater generation in KLD	Industrial effluent	20.92
			Domestic sewage	1.8
			Total	**22.72**
	f.	ETP/ STP capacity	ETP: 25 KLD, STRIPPER, MEE 20 KLD ERO -25 KLD STP: 5 KLD	
	g.	Technology employed for Treatment	Detailed in PFR (Zero Liquid Discharge)	
	h.	Scheme of disposal of excess treated water if any	Not applicable	
21	Infrastructure for Rainwater harvesting		Roof water collected, stored and reused in cooling tower	
22	Storm water management plan		Storm water drains provided and collected for use	
23	Air Pollution		-	
	a.	Sources of Air pollution& Control	**Process reactors**	

<table>
<tr><td></td><td></td><td>measures</td><td>• Production block 1 - 1 Scrubber
<u>Proposed:</u>
• Production block 2 – 1 scrubber
Wet Scrubbers are provided to treat process emissions from production blocks.
<u>Utility section</u>
Boilers –0.6 TPH &1 TPH-Stack 1, 6 TPH&3 TPH -Stack 2connected to stack height of 30 m and provided to individual bag filter for emission control.
DG sets of 63 KVA x 1 Nos is installed. Additional 200 KVA DG set proposed as power backup.</td></tr>
<tr><td></td><td>b.</td><td>Composition of Emissions</td><td>PM, SO_2, NOx</td></tr>
<tr><td>24</td><td colspan="3">Noise Pollution</td></tr>
<tr><td></td><td>a.</td><td>Sources of Noise pollution</td><td>Diesel generators and pumps are provided with noise and vibration control and acoustic measures as per guidelines.</td></tr>
<tr><td></td><td>b.</td><td>Expected levels of Noise pollution in dB</td><td>Within the limits KSPCB prescribed for industrial area.</td></tr>
<tr><td></td><td>c.</td><td>Noise pollution control measures proposed</td><td>D.G. setsare used only during the emergency of power failure to run essential services. Acoustic enclosures are provided to DG sets.</td></tr>
<tr><td>25</td><td colspan="3">WASTE MANAGEMENT</td></tr>
<tr><td></td><td>I.</td><td colspan="2">Operational Phase</td></tr>
<tr><td></td><td>a.</td><td>Quantity of Solid waste generated per day and their disposal</td><td>Biodegradable
Non- Biodegradable
Solid Waste: Office waste like paper etc. is expected.
Plastic drums and bags will be sold to KSPCB authorized recycler.</td></tr>
<tr><td></td><td>b.</td><td>Quantity of Hazardous Waste generation with source and mode of Disposal as per norms</td><td>Mode of disposal of hazardous waste is detailed in PFR.
<table>
<tr><th>Sl. No</th><th>Type of Waste</th><th>Total (TPA)</th><th>Mode of Disposal</th></tr>
<tr><td>1</td><td>Sodium sulphate</td><td>9.888</td><td rowspan="3">By product sale to end user</td></tr>
<tr><td>2</td><td>Ammonium chloride</td><td>1.752</td></tr>
<tr><td>3</td><td>Sodium chloride</td><td>24.66</td></tr>
</table></td></tr>
</table>

			4	**Ammonium Acetate**	5.4	
			5	**Potassium acetate**	8.208	
			6	**Potassium Chloride**	9.0	
			7	**Manganese dioxide**	12	
			8	**Ammonium bromide**	7.2	
			9	**Phosporous oxychloride**	24	
			10	**HCl**	5.28	Recycle
			11	**Spent Carbon, Ceilite, Hyflow and Charcoal**	12	Collection, storage, transportation, and incineration at Cement plants
			12	**Catalyst - Spent raney nickel**	0.48	Collection, Storage, returned to supplier for reprocess.
			13	**Catalyst- Spent Pd**	0.15	Collection, Storage, returned to supplier for reprocess
			14	**Process residue**	36.20	Collection, storage, transportation and Co processing at Cement plants
			15	**Paraffin**	277.44	
			16	**Organic Residue (solvent distillation)**	202.75	
			17	**Spent Solvent**	354.70	Collection, Storage, transportation to reprocesses to KSPCB approved re-processor/ end

			users
18	**Chemical containing Sludge fromcleaning of Storage Tank**	2	Collection, storage, transportation and incineration at TSDF
19	**Used Oil**	0.3	Collection storage, transportation and sold to MOEF/KSPCB approved registered reprocesses.
20	**ETP Sludge**	3	Collection, storage, transportation, disposal by sending to land filling site of TSDF
21	**Empty Drums of Chemical containing Traces**	600	Collection, Storage, Decontaminati on or, Sale to KSPCB approved facility.
22	**Battery**	24	Replacement by manufacturer.
23	**MEE Salt - inorganic**	202.35	Collection, Storage, transportation and send to TSDF.
24	**MEE – Organic**	5.058	Collection, Storage, transportation and send to Co processing at cement plant

			25	**Fly ash/coal ash**	383	Collection, storage and disposal to BRICK manufacturers
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	-			
26	Risk Assessment and disaster management		Risk assessment report has been attached as annexure.			
27	POWER					
	a.	Total Power Requirement in the Operational Phase with source	263 KVA Sourced from Chamundeswari Electrical Supply Corporation.			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 63 KVA x 1 Nos. is presently in use. Additional 200 KVA DG set proposed as power backup.			
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	• HSD during power failure: 25litres per hour • HSD for 600 Kg PH Boiler: 25 litres per hour • Coal/ Briquette: 9 TPD			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy saving bulb, fittings, pumps are procured for the project.			
28	PARKING					
	a.	Parking Requirement as per norms	Provided as per standard			
	b.	Internal Road width (RoW)	Detailed in Plant layout plan.			
29		Any other information specific to the project (Specify)	This project is dire need for supply of drugs to patients, including COIVD-19 drugs			

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

This is a proposal for expansion of the existing unit, which was used to manufacture herbal products. Now the proponent intends to go for manufacture of bulk drugs and intermediates in addition to herbal products.

The proponent has stated that expansion does not involve any demolition or construction and it involves addition of only solvent storage facility.

As far as finding alternatives to the Toluene and Hexane solvent, the proponent has stated that he will dispense with the use of Toluene and Hexane and go for the alternatives.

In the raw materials the proponent has proposed to source Benzene based raw materials and when the committee expressed concerns about the toxicity of Benzene, the proponent has agreed to go for alternatives.

The proponent has stated that he is going to put up rain water storage tank from roof of capacity 80 cum. The proponent has also stated that out of the 11 products proposed he will manufacture only 3 products at any point of time. The water requirement and other details have been worked out based on these criteria.

As far as CER is concerned the proponent has stated that he will earmark Rs. 5 lakhs and contribute the same to CM cares fund.

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

1) Toluene and Hexane solvent may be replaced by alternatives.
2) Benzene raw material may be replaced by alternatives.
3) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

246.14 Proposed establishment of Manufacturing facility for Bulk drugs and R&D for custom synthesis At Plot No: 280, KIADB industrial area, Kadechur Village,

Yadgiri Taluk and District- 585221, Karnataka. **M/s. Aarka Medicare Pvt Ltd (SEIAA 34 IND 2020)**

<table>
<tr><th>Sl. No</th><th colspan="2">PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td colspan="2">Name & Address of the Project Proponent</td><td>Mrs. A. Kantha
#202, Sarada Residency, H-26, Madhura Nagar, Ameerpet, Hyderabad 500038</td></tr>
<tr><td>2</td><td colspan="2">Name & Location of the Project</td><td>• M/s. Aarka Medicare Pvt. Ltd., Manufacturing facility for Bulk drugs and R&D for custom synthesis
• Plot No: 280, KIADB industrial area, Kadechur Village, Yadgiri Taluk and District- 585221, Karnataka.</td></tr>
<tr><td>3</td><td colspan="2">Co-ordinates of the Project Site</td><td>Project site Co-ordinates:
<table><tr><th>Sl. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>16.523760° N</td><td>77.308102° E</td></tr><tr><td>B</td><td>16.522971° N</td><td>77.308080° E</td></tr><tr><td>C</td><td>16.522966° N</td><td>77.308559° E</td></tr><tr><td>D</td><td>16.523752° N</td><td>77.308553° E</td></tr></table></td></tr>
<tr><td>4</td><td colspan="3">Environmental Sensitivity</td></tr>
<tr><td></td><td>a.</td><td>Distance from Nearest Lake/ River/ Nala</td><td><table><tr><th>Sl. No.</th><th>Location</th><th>Distance (km)</th><th>Directions</th></tr><tr><td>1</td><td>River Bhima</td><td>8.2</td><td>SW</td></tr><tr><td>2</td><td>River Krishna</td><td>12.3</td><td>S</td></tr><tr><td>3</td><td>Kadechur lake</td><td>2.8</td><td>SE</td></tr><tr><td>4</td><td>Balched lake</td><td>4.4</td><td>NE</td></tr></table></td></tr>
<tr><td></td><td>b.</td><td>Distance from Protected area notified under wildlife protection act</td><td>No protected area notified under wildlife protection act within 10 km radius of the project site.</td></tr>
<tr><td></td><td>c.</td><td>Distance from the interstate boundary</td><td>The project site is 2.67 km away from the state boundary of Telangana (District Mahbubnagar, Maganur Mandal)</td></tr>
<tr><td></td><td>d.</td><td>Whether located in critically / severally polluted area as per</td><td>Not Applicable</td></tr>
</table>

<table>
<tr><td></td><td colspan="2">the CPCB norms</td><td></td></tr>
<tr><td>5</td><td colspan="2">Type of Development as per schedule of EIA Notification, 2006 with relevant serial number</td><td>Sl. No. 5(f) of EIA notification 2006. Synthetic organic chemicals industry - Bulk Drugs, APIs and intermediates</td></tr>
<tr><td>6</td><td colspan="2">New/ Expansion/ Modification/ Product mix change</td><td>New Project for Establishment of Bulk Drugs and R&D for custom synthesis</td></tr>
<tr><td>7</td><td colspan="2">Plot Area (Sqm)</td><td>6000 sqm OR 1.5 Acres</td></tr>
<tr><td>8</td><td colspan="2">Built Up area (Sqm)</td><td>1644.70sqm</td></tr>
<tr><td>9</td><td colspan="2">Component of developments</td><td>Project is a green field project for Establishment of Bulk Drugs and R & D for custom synthesis. The main components include:
• Production block
• Warehouse
• Hydrogenation Block
• Solvent yard
• Boiler House
• Utility Block
• ETP with MEE
• Security office
• Parking</td></tr>
<tr><td>10</td><td colspan="2">Project cost (Rs. In crores)</td><td>INR 5 Crores</td></tr>
<tr><td>11</td><td colspan="3">Details of Land Use (Sqm)</td></tr>
<tr><td rowspan="8"></td><td>a.</td><td>Ground Coverage Area</td><td>1644.70 sqm</td></tr>
<tr><td>b.</td><td>Kharab Land</td><td>-</td></tr>
<tr><td>c.</td><td>Internal Roads</td><td>Shown in layout plan</td></tr>
<tr><td>d.</td><td>Paved area</td><td>Shown in layout plan</td></tr>
<tr><td>e.</td><td>Parking</td><td>180.78 sqm</td></tr>
<tr><td>f.</td><td>Green belt</td><td>2075.24sqm</td></tr>
<tr><td>g.</td><td>Others Specify</td><td>Open & Road Area : 2099.78 sqm</td></tr>
<tr><td>h.</td><td>Total</td><td>6000sqm</td></tr>
<tr><td>12</td><td colspan="2">Products and By- Products with quantity (enclose as Annexure if necessary)</td><td>List of proposed products:
<table>
<tr><th>Sl. No.</th><th>Products</th><th>Quantity (in TPA)</th></tr>
<tr><td>1.</td><td>Phenazopyridine HCL- USP</td><td>108.00</td></tr>
<tr><td>2.</td><td>Ambroxol HCL IP/BP/ EP</td><td>50.00</td></tr>
<tr><td>3.</td><td>Docusate Sodium</td><td>60.00</td></tr>
<tr><td>4.</td><td>Docusate Sodium Powder</td><td>120.00</td></tr>
</table></td></tr>
</table>

			85%	
		5.	Monobenzone	0.50
		6.	Pamabrom - USP	5.00
		7.	Fluconazole IP/ BP/EP/USP	24.00
		8.	Loperamide HCL IP/ BP/EP/USP	5.00
		9.	Phenazopyridine HCL 68% D.C Granules USP	100.00
		10.	Methinamine	30.00
		11.	Zinc Citrate	20.00
		12.	Sodium Salicylate	30.00
			Total	**552.50**
13	Raw material with quantity and their source (enclose as Annexure if necessary)	Raw materials with quantity and their sources areas detailed in EMP report and Annexure.		
14	Mode of transportation of Raw material and storage facility	Most of the raw materials will be received by road ways only. Dedicated storage facility will be provided for raw materials.		
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Briquettes are used as Boiler Fuel. Briquette will be received by road ways only. Dedicated storage facility will be provided.		
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Boiler Ash generated will be stored separately and will be sent to Brick Manufactures.		
17	Complete process flow diagram and technology employed	Process flow diagram is detailed in EMP report. General process of chemical route synthesis involves reaction of chemicals in reactors, separation and recovery of solvents, cooling, crystallization and packing of product.		
18	Details of Plant and Machinery with capacity/ Technology used	Main plant equipments & machineries: • Boiler : 2 TPH • DG Set : 1x125 kVA • SS Reactors : 3 Numbers • GL Reactors : 3 Numbers • Centrifuge : 2 Numbers		
19	Details of VOC emission and control measures wherever applicable	• Total VOC emissions from process. • Fugitive VOC emissions from process. Details of the same is provided in EMP report		
20	WATER			
	I.	Construction Phase		
	a.	Source of water	KIADB supply / Tanker	

b.	Quantity of water for Construction in KLD	3 KLD		
c.	Quantity of water for Domestic Purpose in KLD	2 KLD		
d.	Waste water generation in KLD	1.8 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage will be treated in the Modular STP		
II	Operational Phase			
a.	Source of water	KIADB supply (Bhima River)		
b.	Total Requirement of Water in KLD	Fresh Water : 16.5 KLD		
c.	Requirement of water for industrial purpose / production in KLD	Fresh Water : 10.5 KLD		
d.	Requirement of water for domestic purpose in KLD	1 KLD		
e.	Waste water generation in KLD	Industrial effluent	LTDS: 7.1KLD HTDS: 3.25 KLD	
		Domestic sewage	0.9 KLD (LTDS)	
		Total	11.25 KLD	
f.	ETP/ STP capacity	Capacity of ETP with MEE & ATFD : 15 KLD		
g.	Technology employed for Treatment	• It is proposed that all the wastewater generated within the plant, both LTDS effluent of 8 KLD & HTDS effluent of 3.25 KLD, will be treated in an in-house treatment facility. • LTDS effluent will be treated in biological ETP along with sewage of 0.9 KLD & Evaporator Condensate of 1.5 KLD from HTDS treatment. • The treated effluent will be tertiary treated in RO and the permeate will be used for cooling tower water makeup, Washing and Scrubber. • HTDS effluent will be treated in primary treatment followed by MEE and ATFD. • The salts from MEE & ATFD will be disposed to TSDF of M/s. Mother Earth Environ Tech Private Limited which is located within 50 m distance from the proposed project site. • ZLD concept will be followed and no treated		

			water will be discharged outside.
	h.	Scheme of disposal of excess treated water if any	ZLD concept will be followed and no treated water will be discharged outside.
21	Infrastructure for Rain water harvesting		• Roof top rainwater shall be harvested and stored in Rainwater harvesting tank/pond. • A sump of 50 m^3 capacity will be provided for storage of roof top water. • After pre-treatment, collected water will be used for toilet flushing and gardening purpose.
22	Storm water management plan		• Recharging pits will be provided along the storm water drains. • Each recharging pit will be of size 1.2 m dia x 2.5 m deep spaced at 10 m center to center. • These recharging pits are filled with graded media comprising of boulder at bottom and with coarse aggregates to facilitate percolation of harvested rainwater to recharge ground water. • The recharge pits will be interconnected in such a way that the rain led to the first recharge pit is also led to the next pit. • The surface run off shall be presumed to be recharged and excess find its way to the external storm water drain.
23	Air Pollution		
	a.	Sources of Air pollution	The major air pollution sources from the industry are boiler, process section, thermic fluid heater and DG set.
	b.	Composition of Emissions	Acid mist / VOCs, SO_2, NOx

	c.	Air pollution control measures proposed and technology employed	**Sources**		**Control measure**
			i	125 kVA DG set Fuel: High Speed Diesel (HSD)	Chimney of 3 m ARL with acoustic enclosure
			ii	Process emissions attached to reactors	Chimney of height 3 m ARL with Acidic Fume scrubber
			iii	Boiler (2 TPH) Fuel: Briquette	Chimney of height 16 m AGL with Cyclone dust separator
24	Noise Pollution				
	a.	Sources of Noise pollution	Process section, Boiler and DG sets.		
	b.	Expected levels of Noise pollution in dB	Within the limits KSPCB prescribed for industrial area.		
	c.	Noise pollution control measures proposed	Manufacturing process will take place in a closed system/clean room.DG setwill be used only during the emergency of power failure to run essential services. Acoustic enclosures will be provided to DG set.		
25	WASTE MANAGEMENT				
	I.	Operational Phase			
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable		Solid Waste: Office waste like paper etc. is expected. Plastic drums and bags will be sold to KSPCB authorized recycler.
			Non- Biodegradable		
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	**Hazardous waste**	**Quantity (TPM)**	**Mode of disposal**
			Used Oil	0.070	Authorized recycler
			Inorganic residue	6.860	Authorized recycler/ Co-processing/ TSDF
			Spent carbon+ Hyflo	0.174	Brick manufacturer
			Spent catalyst	7.500	Supplier for reactivation
			Process waste	15.8	Incineration/ co-

			processing
		Empty barrels / containers / liners contaminated with hazardous chemicals / wastes	230 NOS	Authorized recycler
		Spent Solvent	7.68	Co-processing to cement industry
		Distillation residue	5.800	Co-processing to cement industry
		Boiler Ash	2.496	Brick manufacturer
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	No E-waste generated	
26	Risk Assessment and disaster management		According to the above ALOHA simulation analysis, the consequential impacts from each release incident scenarios can be through Flammable vapour, overpressure vapour cloud and toxic release. The damage distance indicates that consequential impacts on plant personnel, equipment, machinery and surroundings. Details of risk assessment and disaster management plan are as provided in Chapter 4, Section 4.3 of EMP report.	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Total power requirement to the proposed project is 240 kVA and will be sourced from GESCOM.	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	It is proposed to install one DG set of 125 kVA capacity are installed to serve as a backup during power failure.	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Fuel: • Boiler (2 TPH) : 40 kg/hr - Briquette • DG Set (125 kVA): 25 LPH - Low Sulphur content, HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	None	
28	PARKING			

	a.	Parking Requirement as per norms	Provided as per standard
	b.	Internal Road width (RoW)	Detailed in Plant layout plan.
29		Any other information specific to the project (Specify)	The Project would reduce dependency on other countries and reduces the foreign exchange significantly. In terms of volume, the country's pharmaceutical industry ranks third in the world and is poised to contribute quite significantly to the global API production. In view of the outbreak of Corona Virus (COVID-19) and subsequent lockdown declared for its control, the project will enable drug production to reduce the impact of the Novel Corona Virus (COVID-19).

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

This is a green field project, which is located at a distance of 2.7 KM from the interstate boundary i.e. Telangana state. Regarding this the proponent has stated that all these projects can be taken up as B2 category projects in view of the MoEF & CC, GoI Notification dated 23-04-2020 and requested to consider his project under B2 category only.

As far as hydrogenation process is concerned the proponent has stated that he will go for palladium instead of Raney Nickel as a catalyst.

During appraisal the proponent has stated that he will go for production of 2 to 3 products at any point of time out of 7 products proposed. The water requirement and other details have been worked out based on these criteria.

As far as solvent recovery is concerned the proponent has stated that he will go for multi solvent recovery system, so that solvent recovered can be reused to the maximum extent.

As far as CER is concerned the proponent has stated that he will earmark Rs. 3lakhs and same will be contributed to CM cares fund.

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

1) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

30th June 2020

Members present in the meeting:

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

10:15 AM to 1:30PM

Fresh projects

246.15 Proposed Building Stone Quarry Project at Sy.No.6 of Honnenahalli Kaval Village, Belur Taluk, Hassan District (3-00 Acres) (Q.L.No.514) **by Sri B.N. Rajashekar (SEIAA 72 MIN 2020)**

The Proponent and Environment Consultant were invited for 246th meeting held on 30-06-2020 to provide clarification/additional information. The proponent and consultant remained absent without intimation.

As seen from the records this is an existing quarry being operated based on the EC issued earlier and certified EC compliance is not furnished.

The committee after discussion and deliberation decided to defer the subject as it cannot proceed further with the appraisal.

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

246.16 Proposed Building Stone Quarry Project at Sy.No.22 of Honnenahalli Kaval Village, Belur Taluk, Hassan District (3-00 Acres) (Q.L.No.493) **by Sri B.N. Mallesh (SEIAA 73 MIN 2020)**

The Proponent and Environment Consultant were invited for the 246th meeting held on 30-06-2020 to provide clarification/additional information. The proponent and consultant remained absent without intimation.

As seen from the records this is an existing quarry being operated based on the EC issued earlier and certified EC compliance is not furnished.

The committee after discussion and deliberation decided to defer the subject as it cannot proceed further with the appraisal.

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

246.17 Proposed Building Stone Quarry Project at Sy.Nos.465, 466 & 469 of Munavalli Village, Savadatti Taluk, Belagavi District (6-00 Acres) **by Sri Nikhil Sudhir Ghogare (SEIAA 74 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Nikhil Sudhir Ghogare, S/o Sudhir Dhondopanth Ghogare, #1341C-1, Jayanagar, Janata Plot, Dharwad District, Karnataka - 580001.
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" of Sri. Nikhil Sudhir Ghogare. Sy. No. 465, 466 & 469, Munavalli Village, Savadatti Taluk, Belagavi District, Karnataka.

3	Co-ordinates of the Project Site	WGS 84 DATUM Sl. No. / Latitude / Longitude A / N 15° 50′ 56.2″ / E 75° 04′ 38.7″ B / N 15° 50′ 55.2″ / E 75° 04′ 34.8″ C / N 15° 51′ 00.5″ / E 75° 04′ 31.7″ D / N 15° 51′ 01.4″ / E 75° 04′ 36.9″
4	Type of Mineral	"Building Stone (M-Sand) Quarry"
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.428 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	"Building Stone (M-Sand) Quarry"
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,00,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	40,815 Cu,m of soil produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	8,163 Tons/annum
16	Project Cost (Rs. In Crores)	1.125 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Madlur Reserved Forest 0.50 Kms (W)

	b.	Nearest Human Habitation	Munavalli Village - 0.40 Kms (SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Savadatti - 10.00 (SE)	
	d.	Water Bodies	Malprabha Left Bank Canal - 0.21 Kms (E) Renukasagara Reservoir - 3.00 Kms(S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	4-33	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	1-04	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.50 KLD
			Domestic	1.26KLD
			Other	0.34 KLD
			Total	12.1 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 17-01-2020.

As seen from the quarry plan there is a level difference of 18 meters within the mining area and taking this factor into consideration, the committee opined that 45% of the proved quantity of 1166000 cum or 3101000 tons can be mined safely and scientifically to a quarry pit depth of 25 meters for a plan period of five years which will be the life of the mine.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease & the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

The proponent has also stated that his project does not fall within 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 an existing cart track road of length 455 meters connecting lease area to all weather black topped road.

It is noticed that the Malaprabha Reservoir (Renuka Reservoir) is at a distance of 2.6 KM from the project site and also a forest at a distance of 130 meters.

As far as CER is concerned the proponent has stated, that he will earmark Rs.30.00 lakhs and the same will be contributed to CM Cares fund.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other stipulations of Environmental Management Plan have to be strictly followed.
3. Only registered labours should be employed.

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

246.18 Proposed Building Stone Quarry Project at Sy.No.127/2A of Ainapur Village, Vijayapura Taluk & District (4-00 Acres) **by Smt. Nirmala Ashok Savalagi (SEIAA 75 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>SmtNirmalaSavalgi W/O Ashok Savalgi
Solapur Road
Banjar Nagar
Vijaypur-586103
Mobile-9448122166</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>AinapurVillage , VijaypurTaluk
Vijaypur District
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Point No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N16°50'45.2"</td><td>E075°45'50.0"</td></tr><tr><td>B</td><td>N16°50'39.9"</td><td>E075°45'48.9"</td></tr><tr><td>C</td><td>N16°50'39.5"</td><td>E075°45'45.3"</td></tr><tr><td>D</td><td>N16°50'38.9"</td><td>E075°45'44.7"</td></tr><tr><td>E</td><td>N16°50'40.8"</td><td>E075°45'43.4"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone.</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Private Land.</td></tr>
</table>

7	Whether the project site fall with in ESZ/ESA		No
8	Area in Ha		4.0 Acre (1.619 Ha) Sy No:127/2A
9	Actual Depth of building stone in the lease area /Patta Land building stone		Depth of building stone in Private land -20mt(from top level).
10	Depth of building stone proposed to be removed		Depth of building stone proposed-15 mt (from Surface level)
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		62206 TPA,05 years-311030 tons
12	Quantity of Topsoil/Over burden in cubic meter		Waste-10977tons/annum.05 years-54885 tons
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil
14	Project Cost (Rs. In Crores)		40 Lakh
15	Environmental Sensitivity		
	a.	Nearest Forest	Nil with in 5km.
	b.	Nearest Human Habitation	Ainapur -2.5 km
	c.	Educational Institutes, Hospital	Vijaypur-03 km
	d.	Water Bodies	HanchinalKere -4 km.
	e.	Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in A-G		
	a.	Area for Mining/ Quarrying	3-18

	b.	Road Area	0-01	
	c.	Others Specify Safety Zone	0-21	
		Total	4.00 Acre (1.619Ha)	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Own Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	6.0
			Domestic	1.5
			Other,Plantation	2.5
			Total	10.0
20	Storm water management plan		--	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and applied for land conversion order. The lease has been notified on 30-12-2019.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this factor into consideration, the committee opined that the proved quantity of 192430 cum or 511863 tons can be mined safely and scientifically to a quarry pit depth of 15 meters for 10 years which will be the life of the mine.

As per the cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius from this lease & the total area of these three leases is 8-33 Acres and this being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

The proponent has also stated that his project does not fall within 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 an existing cart track road of length 650 meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.10.00 lakhs and the same will be contributed to CM Cares fund.

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

4. Safe drinking water has to be provided at the quarry site.
5. Dust suppression measures and all other stipulations of Environmental Management Plan have to be strictly followed.
6. Only registered labours should be employed.

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

246.19 Proposed Building Stone Quarry Project at Sy.No.148/4 of Ainapur Village, Vijayapura Taluk & District (2-00 Acres) **by Sri Shekar (SEIAA 76 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri Shekar S/O MallappaTuppad
Sindagi Road Munishwar Nagar
Vijaypur Railway station
Vijaypur -586104</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>AinapurVillage , VijaypurTaluk
Vijaypur District
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Point No</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N16°50' 59.1"</td><td>E075°46'19.3"</td></tr><tr><td>B</td><td>N16°50' 56.7"</td><td>E075°46'17.4"</td></tr><tr><td>C</td><td>N16°50'54.1"</td><td>E075°46'19.6"</td></tr><tr><td>D</td><td>N16°50'56.9"</td><td>E075°46'20.9"</td></tr><tr><td colspan="3">MAP DATAUM:GPS Readings (WGS 84)</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone.</td></tr>
</table>

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Private Land.
7	Whether the project site fall with in ESZ/ESA		No
8	Area in Ha		2.0 Acre (0.80 Ha) Sy No:148/4
9	Actual Depth of building stone in the lease area /Patta Land building stone		Depth of building stone in Private land -20mt(from top level).
10	Depth of building stone proposed to be removed		Depth of building stone proposed-12 mt (from Surface level)
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		34115 TPA,05 years-170575tons
12	Quantity of Topsoil/Over burden in cubic meter		Waste-1796tons/annum.05 years-8980 tons
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil
14	Project Cost (Rs. In Crores)		20 Lakh
15	Environmental Sensitivity		
	a.	Nearest Forest	Nil with in 5km.
	b.	Nearest Human Habitation	Ainapur -2.70 km
	c.	Educational Institutes, Hospital	Vijaypur-03 km
	d.	Water Bodies	HanchinalKere -3.7 km.
	e.	Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in A-G		
	a.	Area for Mining/ Quarrying	1-17

	b.	Road Area	0-01	
	c.	Others Specify Safety Zone	0-22	
		Total	2.00 Acre (0.80 Ha)	
18		Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Own Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	6.0
			Domestic	1.5
			Other,Plantation	2.5
			Total	10.0
20	Storm water management plan		--	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and land conversion order. The lease has been notified on 30-12-2019.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this factor into consideration, the committee opined that the proved quantity of 64126 cum or 170575 tons can be mined safely and scientifically to a quarry pit depth of 12 meters for 6 years which will be the life of the mine.

As per the cluster sketch approved by DMG there are six leases including this lease within the 500 meter radius from this lease & the total area of these six leases is 10-20 Acres and this being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

The proponent has also stated that his project does not fall within 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 an existing cart track road of length 600 meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.4.00 lakhs and the same will be contributed to CM Cares fund.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other stipulations of Environmental Management Plan have to be strictly followed.
3. Only registered labours should be employed.

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

246.20 Proposed Ordinary Sand Quarry Project at Sy.No.35/1 of Hullur Village, Shirahatti Taluk, Gadag District (8-00 Acres) **by Sri Satishgouda S Patil (SEIAA 77 MIN 2020)**

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

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

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

246.21 Proposed Building Stone Quarry Project at Sy.No.174 of Kandegala Village, Gundlupet Taluk, Chamarajanagara District (2-00 Acres) **by Sri A. Rajagopal (SEIAA 78 MIN 2020)**

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

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

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

246.22 Proposed Sand Block Project - Block No.1 in Thunga River Bed at Sy.Nos.250 & 18 (South) of Buklapura Village, Thirthahalli Taluk, Shivamogga District (10-00 Acres) **by Panchayathraj Engineering Division – Shivamogga (SEIAA 79 MIN 2020)**

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

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

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

246.23 Proposed Sand Block Project - Block No.3 in Thunga River Bed at Sy.No.146 of Manduvalli Village, Thirthahalli Taluk, Shivamogga District (12-00 Acres) **by Sri Subramanyam R(SEIAA 80 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Subramanyam R,
S/o Naganna, LIG 280,
K.H.B. Colony,kallahalli,
VinobhaNagara,
Shivamogga,
Shivamogga (Dist.)</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Manduvalli Sand Block No.3" of
Sri. Subramanyam R,
Adjacent to Sy. No- 146,
Manduvalli,Village,
Thirthahalli Taluk,
Shivamogga District</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Corner Points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><th colspan="3">WGS-84</th></tr>
<tr><td>A</td><td>13°42'44.52"N</td><td>75°22'09.23"E</td></tr>
<tr><td>B</td><td>13°42'38.78"N</td><td>75°22'22.68"E</td></tr>
<tr><td>C</td><td>13°42'42.57"N</td><td>75°22'24.70"E</td></tr>
<tr><td>D</td><td>13°42'47.93"N</td><td>75°22'11.11"E</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>River Sand Quarry</td></tr>
</table>

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		4.856 Ha
9	Actual Depth of sand in the lease area in case of River sand		2.5 mts
10	Depth of Sand proposed to be removed		0.37 mts
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		3,12,000 Ton/Year
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		26,418 Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter		No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)		No waste is produced.
16	Project Cost (Rs. In Crores)		1.47 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5kms
	b.	Nearest Human Habitation	ManduvalliVillage - 2.20 Km (S)
	c.	Educational Institutes, Hospital	Thirthahalli- 13.10 kms (SW)

	d.	Water Bodies	This is a river sand mining project. The site is in Thunga river Bed	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	10-20	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	--	
	h.	Unexplored area	1-20	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		3,12,000 Ton/Year	
22	Water Requirement			
	a.	Source of water	Drinking water : Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of	Dust Suppression	1.3 KLD
			Domestic	0.7 KLD
			Other	1.00 KLD
			Total	3.00 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

During appraisal the committee observed that as per the cluster sketch approved by DMG there are two leases including this lease within the 500 meter radius from this lease area and the total area of these two leases is 24-00 Acres and which being more than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B1 category as per the EIA Notification 2006 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional TORs.

1) Sand replenishment studies as per updated norms to be carried out and submitted.
2) River bank protection works may be detailed and submitted.
3) Handling of wastes if any has to be detailed and submitted.
4) Likely impacts of sand mining on aquatic animals & other organisms and mitigation measures for the same to be detailed and submitted.

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

246.24 Proposed Building Stone Quarry Project at Sy.No.1 of Rangapura Kaval Village, Arasikere Taluk, Hassan District (2-00 Acres) (Q.L.No.HMG-515) **by Sri A.M. Kumaraswamy (SEIAA 81 MIN 2020)**

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information. The proponent and environmental consultant remained absent without intimation.

The committee observed that as seen from the records this is an existing quarry being operated based on the EC issued on 20.10.2015 and certified EC compliance has not been furnished.

The committee after discussion and deliberation decided to defer the subject as it cannot proceed further with the appraisal.

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

246.25 Proposed Sand Block Project at Sy.No.234 of Malaluru Village & Sy.Nos.24, 57 & 19 of Kunda Village, Thirthahalli Taluk, Shivamogga District (12-00 Acres) (Q.L.No.23/2018-19) **by Sri Praveen M.N. (SEIAA 83 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Praveen M. N.
S/o. C. R. Nagesh
Abbalagere Post, Shivamogga Taluk,
Shivamogga District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Malaluru Sand Block No. 2" of
Sri. Praveen M. N.,
Adjacent to Sy. No - 234 of Malaluru Village and 24, 57 & 19 of Kunda Village,
Thirthahalli Taluk,
Shivamogga District, Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Corner Points</th><th>Latitude</th><th>Longitude</th></tr><tr><th colspan="3">WGS-84</th></tr><tr><td>A</td><td>13°32'26.32"N</td><td>75°11'23.37"E</td></tr><tr><td>B</td><td>13°31'59.89"N</td><td>75°11'19.41"E</td></tr><tr><td>C</td><td>13°32'00.48"N</td><td>75°11'17.79"E</td></tr><tr><td>D</td><td>13°32'24.74"N</td><td>75°11'22.68"E</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>River Sand Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Expansion (QL No. 23/2018 - 19)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>Someshwara Wild Life Sanctuary - 5.17 Kms (SW)</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>4.856 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>0.78 mts</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>0.78 mts</td></tr>
</table>

11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		1,67,184 Ton/year
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		It's a river sand quarry so yearly replenishment occurs.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		65,201Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter		No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)		No waste is produced.
16	Project Cost (Rs. In Crores)		1.57 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5kms
	b.	Nearest Human Habitation	Malalur - 0.78 Km (E)
	c.	Educational Institutes, Hospital	Thirthahalli- 18.47 kms (NE)
	d.	Water Bodies	This is a river sand mining project. The site is in Malathi river Bed
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	12-00
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	--
	h.	Unexplored area	--

	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		1,67,184 Ton/year	
22	Water Requirement			
	a.	Source of water	Drinking water: Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of	Dust	2.07 KLD
		Water in KLD	Suppression	
			Domestic	0.5KLD
			Other	0.23 KLD
			Total	2.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

This is a proposal involving expansion of sand mining in the sand mining block. The proponent has stated that EC for the same was issued by DEIAA during the year 11.10.2018 for the annual production of 8232 TPA.

During appraisal the committee observed that as per the cluster sketch approved by DMG there are two leases including this lease within the 500 meter radius from this lease area and the total area of these two leases is 24-00 Acres and which being more than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B1 category as per the EIA Notification 2006 and had decided to recommend the proposal to SEIAA for issue of standard TORs to conduct EIA studies in accordance with the EIA

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

1) Sand replenishment studies as per updated norms to be carried out and submitted.
2) River bank protection works may be detailed and submitted.
3) Handling of wastes if any as to be detailed and submitted.
4) Likely impacts of sand mining on aquatic animals & other organisms and mitigation measures for the same to be detailed and submitted.

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

246.26 Proposed Shahabad Stone Quarry Project at Sy.No.208/2 of Wadi Village, Chittapur Taluk, Kalaburagi District (1-00 Acre) **by Sri Sunil (SEIAA 84 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Sunil S/o Valmik Rathod R/o Gandhinagar, Tq: Chittapur, Dist: Kalaburagi.		
2	Name & Location of the Project	Shabad Stone Quarry in 1-00 Acres of Patta Land bearing Sy. No. 208/2, Wadi Village, Chittapr Taluk, Kalaburagi Dist, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 17°04'39.0"	E 76°59'11.2"
		B	N 17°04'44.7"	E 76°59'12.6"
		C	N 17°04'45.6"	E 76°59'12.1"
		D	N 17°04'39.1"	E 76°59'10.5"
4	Type of Mineral	Shahabad Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	1-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be	NA		

	removed in case of River sand		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		NA
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		29,766 (max.) Sq. Mt. / Annum
14	Quantity of Topsoil/Over burden in cubic meter/Tons		NA
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		19,844 (max.) Sq. Mt. /Annum
16	Project Cost (Rs. In Crores)		0.08
17	Environmental Sensitivity		
	a.	Nearest Forest	None
	b.	Nearest Human Habitation	Wadi Village 2.4 Km
	c.	Educational Institutes, Hospital	Chittapur which is Taluk head quarter-10.8 Km
	d.	Water Bodies	Ravur Halla 760m N-NE Kagna River 3.8Km W-NW Nandana Halla 4.5Km NW Dodda Halla 6.12Km SE Chikka Halla 7.4Km SE
			Bhima River 7.5Km SW
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres-Guntas		
	a.	Area for Mining	0-17
	b.	Waste Dump Yard	0-01
	c.	Roads	0-01
	d.	Infrastructure	0-01
	e.	Proposed Buffer Zone	0-14
	f.	Area undisturbed	0-06
20	Method of Mining/ Quarrying		Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project		NA

22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.80 KLD
			Domestic	0.27 KLD
			Other	1.00 KLD
			Total	3.07 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving Shahabad stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. The lease has been notified on 27-08-2019.

As seen from the quarry plan there is no level difference within the mining area and taking this factor into consideration, the committee opined that 55% of the proved quantity of 26300 cum or 578600 sq m can be mined safely and scientifically to a quarry pit depth of 6 meters for a lease period of 20 years, however if the proponent maintains the same rate of extraction as proposed in the quarry plan the life of the lease will be 8 years. The proponent has also stated that out of mined material 60% is saleable and 40% is waste. The proponent has stated that he will handle the waste material within the lease area, dumping the waste in the buffer area and reutilizing the same for filling the quarry pit after the lease period.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease area and combined area of all these leases is 9-27 Acres and this being less than the threshold limit of 5 hectares, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 1KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he will earmark Rs.3.00 lakhs and the same will be contributed to CM Cares fund.

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 and all other measures stipulated in EMP have to be strictly followed.
3) Only registered labours should be employed.

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

246.27 Proposed Ordinary River Sand Block Project in Block No.2 - Tunga River Bed at Sy.No.17 of Dabbanagadde Village, Thirthahalli Taluk, Shimogga District (12-00 Acres) **by Sri P. Venugopal (SEIAA 85 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. P Venugopal S/o. Late Palani Swamy, Basalikatte, Aralihalli Post, Bhadravathi Taluk, Shimogga District		
2	Name & Location of the Project	Ordinary River Sand Dabbanagagadde sand Block No. 2 in12-00 Acres of Govt. Land in Tunga River Bed bearingSy. No. 17 of Dabbanagadde village, Thirthahalli Taluk, Shimogga District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°39'38.04"	E 75°18'28.42"
		B	N 13°39'41.68"	E 75°18'43.04"
		C	N 13°39'37.85"	E 75°18'42.48"
		D	N 13°39'34.37"	E 75°18'27.95"
4	Type of Mineral	Ordinary River Sand Dabbanagagadde sand Block No. 2		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala,	Govt.Land		

	Private/Patta, Other]	
7	Whether the project site fall within ESZ/ESA	No
8	Area in Acres	12-00 acres
9	Actual Depth of sand in the lease area in case of River sand	2.0m
10	Depth of Sand proposed to be removed in case of River sand	0.43m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	30,830 Tons/annum
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	28,289 Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter/Tons	NA
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No Waste Generation
16	Project Cost (Rs. In Crores)	0.8
17	Environmental Sensitivity	
	a. Nearest Forest	None
	b. Nearest Human Habitation	Dabbanagadde Village
	c. Educational Institutes, Hospital	Thirthahalliwhich is Taluk head quarter-7.5Km
	d. Water Bodies	Sand Block Lies on Thunga River Bed Bhramani Nadi 6.53Km NE Hadaginamakki SF 2.14Km S-SE Heggargudda SF 3.6Km N Tunga SF 5.48Km S-SW Murugavadhe SF 5.7Km E-SE
	e. Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres-Guntas	
	a. Mine workings (old pits)	---
	b. Waste Dumps	---

	c.	Roads	---	
	d.	Mineral storage	---	
	e.	Statutory Buildings	---	
	f.	Mineral separation plant	---	
	g.	Unexplored Area	12-00	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Borewell Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	5.0 KLD
			Domestic	0.5KLD
			Other	6.5 KLD
			Total	12.00KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

During appraisal the committee observed that as per the cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius from this lease area and the total area of these three leases is 36-00 Acres and this being more than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B1 category as per the EIA Notification 2006 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional TORs.

1) Sand replenishment studies as per updated norms to be carried out and submitted.
2) River bank protection works may be detailed and submitted.
3) Handling of wastes if any as to be detailed and submitted.

4) Likely impacts of sand mining on aquatic animals & other organisms and mitigation measures for the same to be detailed and submitted.

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

246.28 Proposed Ordinary River Sand Block Project at Sy.Nos.65(P), 66/1, 66/2(P), 69/1(P) & 69/2(P) of Hebballi Village, Badami Taluk, Bagalkote District (7-25 Acres) **by Sri Fakeerapa Bhimappa Bhajantri (SEIAA 86 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Shri. Fakeerapa Bhimappa Bhajantri
S/o Bhimappa,
At Post: Mallapur S L,
Lakhamapur, Badami Taluk,
Bagalkot - 587201</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Ordinary Sand Quarry over an extent 7-25 Acres (3.085 Hectares) in Patta Land at
Sy. No. 65 (P), 66/1, 66/2 (P), 69/1 (P) & 69/2 (P) of Hebballi Village,
Badami Taluk, Bagalkote District, Karnataka</td></tr>
<tr><td></td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th colspan="3">GPS READING OF CORNER PILLARS</th></tr>
<tr><th>CORNER PILLAR</th><th>LATITUDE</th><th>LONGITUDE</th></tr>
<tr><td>A</td><td>N15°50'10.2"</td><td>E75°37'37.2"</td></tr>
<tr><td>B</td><td>N15°50'09.6"</td><td>E75°37'41.6"</td></tr>
<tr><td>C</td><td>N15°50'03.1"</td><td>E75°37'41.1"</td></tr>
<tr><td>D</td><td>N15°50'02.9"</td><td>E75°37'40.9"</td></tr>
<tr><td>E</td><td>N15°50'04.3"</td><td>E75°37'40.6"</td></tr>
<tr><td>F</td><td>N15°50'05.5"</td><td>E75°37'39.8"</td></tr>
<tr><td>G</td><td>N15°50'01.6"</td><td>E75°37'39.6"</td></tr>
<tr><td>H</td><td>N15°50'00.3"</td><td>E75°37'38.0"</td></tr>
<tr><td>I</td><td>N15°50'01.6"</td><td>E75°37'36.8"</td></tr>
<tr><td colspan="3">MAP DATUM - WGS 84</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Ordinary Sand Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
</table>

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Patta Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		3.085 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		3.0m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		Not Applicable For Patta land
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Fresh land.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		60,000 Tonnes For 1st year and 30,348.5 tonnes per Annum for 2nd and 3rd years
14	Quantity of Topsoil/Over burden in cubic meter		Topsoil 1.5m and Sand upto a depth of 3.0 m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No waste is produced.
16	Project Cost (Rs. In Crores)		1.45 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Reseved Forest at Budihal Village – 2.20 kms(N)
	b.	Nearest Human Habitation	Hebballi Village – 1.60 Km W
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.
	d.	Water Bodies	Malaprabha River – 0.06 Kms (S).
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Ha		
	a.	Area for Mining/ Quarrying	2.339
	b.	Waste Dumping Area	--

	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0.746	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.1 KLD
			Domestic	0.5 KLD
			Other	1.0 KLD
			Total	3.6 KLD
23	Storm water management plan		• Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season	

The proposal was placed before the 246th meeting held on 30-06-2020 for appraisal as per the above furnished information by the proponent.

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

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

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and applied for land conversion order and also he has stated that the quarry plan has also been got approved from the DMG.

The project is located at a distance of 60 meters from the Malaprabha River. The average top level of the sand block is 539.5 meters and dry weather flow (bed level) of the river is 532 meters. Mined pit bottom level will be 535 meters i.e. 3 meters above the dry weather flow of the Malaprabha River. The depth of mining is 4.5 meters including 1.5 meter top soil and the proponent has stated that he will take up mining subdividing

the mining block into three sub blocks and taking up mining in each block every year. The committee felt that the proposed quantity of 70000 cum or 120697 tons for a plan period of five years can be mined safely and scientifically to a depth of 3 meters. The proponent has also stated that the top soil generated from the tackled block will be stored in the un tackled portions of the block and he will utilize the same for filling up the tackled block before taking up mining in other un tackled block.

The proponent has also stated that there is an existing cart track road at a distance of 50 meters from the lease area and the said cart track road connects all weather black topped road at a distance of 280 meters. The proponent has also stated that the 50meter road between lease area and existing cart track road will be built by him on the private agriculture land, for which an MOU has been entered with the land owner. The proponent has also stated that he will establish a stock yard on the un tackled portion of the lease area.

The proponent has stated that there are no eco-sensitive zones within the radius of 10 KM from the boundary of lease area.

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

As far as CER is concerned the proponent has stated that he has earmarked Rs.6.0 lakhs and the same will be contributed to CM Cares fund.

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

1) Safe drinking water has to be provided at the quarry site.
2) Only registered labours should be employed.
3) All stipulations of Sustainable Sand Mining Management Guidelines-2016 issued by MoEF&CC, GoI will be strictly adhered to.

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

246.29 Proposed Ordinary River Sand Block Project at Sy.Nos.143/2B & 143/2C of Sulla Village, Badami Taluk, Bagalkote District (6-36 Acres) **by Sri Nagaraj A Jainar (SEIAA 87 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION

<table>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Nagaraj A Jainar,
S/o Andappa Jainar,
Shirol Village & Post,
Naragund Taluk,
Gadag District, Karnataka</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Ordinary Sand Quarry over an extent 6-36 Acres (2.792 Hectares) in Patta Land at
Sy. No. 143/2B & 143/2C,
Sulla Village, Badami Taluk,
Bagalkote District, Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N 15° 50′ 23.96″</td><td>E 75° 34′ 12.18″</td></tr><tr><td>B</td><td>N 15° 50′ 23.17″</td><td>E 76° 34′ 16.68″</td></tr><tr><td>C</td><td>N 15° 50′ 17.10″</td><td>E 76° 34′ 16.50″</td></tr><tr><td>D</td><td>N 15° 50′ 17.04″</td><td>E 76° 34′ 11.82″</td></tr><tr><td colspan="3">WGS-84 DATUM</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Ordinary Sand Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>2.792 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>3.0m</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>Not Applicable For Patta land</td></tr>
<tr><td>12</td><td>Measurements of the existing</td><td>Fresh Land.</td></tr>
</table>

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		55,000 Tonnes For 1st year and 28,068 tonnes per Annum for 2nd and 3rd years	
14	Quantity of Topsoil/Over burden in cubic meter		Topsoil 2.0m and Sand upto a depth of 3.0 m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No waste is produced.	
16	Project Cost (Rs. In Crores)		1.40 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reseved Forest at Belavalakoppa Village – 2.50 kms(N)	
	b.	Nearest Human Habitation	Sulla Village – 1.30 Km N	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d.	Water Bodies	Malaprabha River – 0.25 Kms (S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.153	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0.639	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.5 KLD
			Domestic	0.5 KLD
			Other	1.0 KLD
			Total	3.0 KLD

23	Storm water management plan	• Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season

The proposal was placed before the 246th meeting held on 30-06-2020 for appraisal as per the above furnished information by the proponent.

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

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

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and applied for land conversion order and also he has stated that the quarry plan has also been got approved from the DMG.

The project is located at a distance of 150 meters from the Malaprabha River. The average top level of the sand block is 544.5 meters and dry weather flow (bed level) of the river is 535 meters. Mined pit bottom level will be 540 meters, hence the bottom of the pit level is 4.5 meter above dry weather flow. The depth of mining is 4.5 meters including 1.5 meter top soil and the proponent has stated that he will take up mining subdividing the mining block into three sub blocks and taking up mining in each block every year. Taking this into consideration the proposed quantity of 64614 cum or 111136 tons for a plan period of three years can be mined safely and scientifically to a depth of 3 meters. The proponent has also stated that the top soil generated from the tackled block will be stored in the un tackled portions of the block and he will utilize the same for filling up the tackled block before taking up mining in other un tackled block.

The proponent has also stated that there is an existing all weather black topped road and he has stated that he will build cart track road connecting lease area to the black topped road passing through the private agriculture land, for which an MOU has been entered with the land owner. The proponent has also stated that he will establish a stock yard on the un tackled portion of the lease area.

The proponent has stated that there are no eco-sensitive zones within the radius of 10 KM from the boundary of lease area.

As per the cluster sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of this lease being less than the threshold limit of

5 Hectares, the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

As far as CER is concerned the proponent has stated that he has earmarked Rs.6.0 lakhs and the same will be contributed to CM Cares fund.

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

1) Safe drinking water has to be provided at the quarry site.
2) Only registered labours should be employed.
3) All stipulations of Sustainable Sand Mining Management Guidelines-2016 issued by MoEF&CC, GoI will be strictly adhered to.

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

246.30 Proposed Black Stone Granite Quarry Project at Sy.No.151 of Hosagadde Village, Sakaleshpura Taluk, Hassan District (7-02 Acres) by Sri H.B. **Jayaprasad(SEIAA 88 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H. B. Jayaprasad Balupet Estate, Hosagaddhe Village, Sakaleshpura Taluk, Hassan District, Karnataka.
2	Name & Location of the Project	"Black Stone Granite Quarry" of Sri. H. B. Jayaprasad Sy No. 151, Hosagadde Village, Sakaleshpura Taluk, Hassan District, Karnataka
3	Co-ordinates of the Project Site	P.NO: A – LATITUDE 12°55'30.3" – LONGITUDE 75°52'48.0" – HEIGHT 975 mtr. B – 12°55'31.1" – 75°52'55.7" – 991 mtr. C – 12°55'26.3" – 75°52'55.1" – 983 mtr. D – 12°55'26.3" – 75°52'48.8" – 975 mtr.
4	Type of Mineral	Black Stone Granite

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Patta land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		2.852Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It is a Black Stone Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		3,900Cu.m
14	Quantity of Topsoil/Over burden in cubic meter		No topsoil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		9,100 Cu.m
16	Project Cost (Rs. In Crores)		1.57 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	No Forest Within 5 Kms
	b.	Nearest Human Habitation	Hosagadde Village – 1.28 Kms (SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sakaleshpura – 10.47 Kms (NW)

	d.	Water Bodies	Jammanhalli Halla - 2.23 kms (SW)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.35	
	b.	Waste Dumping Area	--	
	c.	Mineral Storage Area	--	
	d.	Infrastructure Area	--	
	e.	Top Soil Yard	--	
	f.	Road Area	--	
	g.	Buffer Zone	0.50	
	h.	Unexplored area	--	
	g.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.28 KLD
			Domestic	1.2 KLD
			Other	1.22 KLD
			Total	6.7 KLD
23	Storm water management plan		• Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season	

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

The proponent and Environment consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

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

As seen from the quarry plan there is a level difference of 21 meters and taking this factor into consideration committee opined that 95% of the proposed proved gross quantity of 604000 cum can be mined safely and scientifically within the lease period to a depth of 20meters. The proponent has stated that the recovery is 30% in the form of commercial blocks and Khandas i.e. 172197 cum and balance 70% will be converted to building stone and the same has been reflected in the quarry plan.

As per the cluster sketch prepared by DMG there are no other leases within the 500 meters radius from this lease area and area of this lease being less than the threshold limit of 5 hectares, the committee decided to categorize this proposal under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

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

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

As far as CER is concerned the proponent has stated that he has earmarked Rs.20 lakhs and the same will be contributed to CM cares fund.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

2:15PM-6:00PM

246.31 Proposed Building Stone Quarry Project at Sy.No.1/C of Ucchangidurga Village, Harapanahalli Taluk, Davanagere District (2-00 Acres) (Q.L.No.72) **by Sri S. Halappa (SEIAA 89 MIN 2020)**

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

As seen from the records this is an existing quarry being operated based on the EC issued earlier and certified EC compliance has not been furnished.

The committee after discussion and deliberation decided to defer the subject as it cannot proceed further with the appraisal.

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

246.32 Proposed Building Stone Quarry Project at Sy.No.1/C of Ucchangidurga Village, Harapanahalli Taluk, Davanagere District (2-00 Acres) (Q.L.No.69) **by Sri Revana M. Patil (SEIAA 90 MIN 2020)**

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

As seen from the records this is an existing quarry being operated based on the EC issued earlier and certified EC compliance has not been furnished.

The committee after discussion and deliberation decided to defer the subject as it cannot proceed further with the appraisal.

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

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

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

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

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

246.34 Proposed Building Stone Quarry Project at Sy.No.31 of Madanayakanahalli Village, Maddur Taluk, Mandya District (3-00 Acres) (Q.L.NoS.983, 1048 & 1049) **by Sri Hanumantha Rao (SEIAA 92 MIN 2020)**

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

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

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

246.35 Proposed Laterite Mineral Quarry Project at Sy.No.30/5 of Kallur Village, Humnabad Taluk, Bidar District (1-34 Acres) **by Sri Shivakumar (SEIAA 94 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Shivakumar
S/o Veershetteppa
74/3, Vidya Nagar, Sedam,
Gulbarga, Karnataka - 585222</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Kallur Laterite Mineral Quarry" of
Sri. Shivakumar S/o Veershetteppa
at Sy No: Sy No: 30/5, Kallur Village,
Humanabad Taluk,
Bidar District, Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>Co-Ordinates in hddd°mm.mmm'
Datum: WGS 84
<table><tr><th></th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N17^0 43' 47.9"</td><td>E77^0 05' 26.3"</td></tr><tr><td>B</td><td>N17^0 43' 48.6"</td><td>E77^0 05' 22.0"</td></tr><tr><td>C</td><td>N17^0 43' 46.6"</td><td>E77^0 05' 21.5"</td></tr><tr><td>D</td><td>N17^0 43' 45.9"</td><td>E77^0 05' 24.4"</td></tr><tr><td>E</td><td>N17^0 43' 47.3"</td><td>E77^0 05' 25.9"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Laterite Mineral Quarry</td></tr>
</table>

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Patta Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.747 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's Laterite Mineral Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		30,000 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		2450 Cu.m of topsoil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No Waste is generated
16	Project Cost (Rs. In Crores)		0.98
17	Environmental Sensitivity		
	a.	Nearest Forest	Reserved Forest at Kallur Village - 0.53 Kms (SW) Reserved Forest at Mustapur Village - 5.23 Kms (W)
	b.	Nearest Human Habitation	Kallur Village - 1.84 kms (SE)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Humnabad.
	d.	Water Bodies	Kathalli Lake - 2.55 Kms
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-09

	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area	0-25	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Opencast Semi Mechanized	
21	Rate of Replenishment in case River sand project			
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	6.63 KLD
			Domestic	0.67KLD
			Other	4.20KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 246th meeting held on 20-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving Laterite soil mining in patta land, which is being used in the cement industry. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 15-06-2019.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this fact into consideration, the committee opined that 45% of the proved quantity of 118000 cum can be mined safely and scientifically to a quarry pit depth of 12 meters for a plan period of five years.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease, the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

He has also stated that his project does not fall within 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 110 meters connecting lease area to all weather black topped road.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.36 Proposed Ordinary Sand Mining Project at Sy.Nos.146/2 & 146/3 of Gadagoli Village, Ron Taluk, Gadag District (5-10 Acres) **by Sri Shrikanth G Bhajantri (SEIAA 95 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Shrikanth. G. Bhajantri S/o GovindappaBhajantri Sawadi Village, Ron Taluk, Gadag District.
2	Name & Location of the Project	"Ordinary Sand Mining" of Sri. Shrikanth. G. Bhajantri At Sy. No. 146/2 & 146/3 Gadagoli Village, Ron Taluk, Gadag District, Karnataka.

3	Co-ordinates of the Project Site	<table><tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N 15° 49' 47.20"</td><td>E 75° 38' 29.50"</td></tr><tr><td>B</td><td>N 15° 49' 46.09"</td><td>E 75° 38' 23.74"</td></tr><tr><td>C</td><td>N 15° 49' 44.68"</td><td>E 75° 38' 19.94"</td></tr><tr><td>D</td><td>N 15° 49' 43.15"</td><td>E 75° 38' 16.35"</td></tr><tr><td>E</td><td>N 15° 49' 40.30"</td><td>E 75° 38' 17.54"</td></tr><tr><td>F</td><td>N 15° 49' 43.19"</td><td>E 75° 38' 24.20"</td></tr><tr><td colspan="3">WGS-84 DATUM</td></tr></table>
4	Type of Mineral	**Sand Block**
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.124 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	3.00m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,000 tons for 1st year, 24,920 tons per annum for the 2nd and 3rd year of sand
14	Quantity of Topsoil/Over burden in cubic meter	1.5 m of top soil will be generated.

15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No Waste is produced	
16	Project Cost (Rs. In Crores)		1.47crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Budihal Village – 3.00 Kms (N)	
	b.	Nearest Human Habitation	Gadagoli Village – 0.70 Km (SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Ron – 17.10 kms (SW)	
	d.	Water Bodies	River Malaprabha - 0.06 kms(S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	4-12	
	b.	Waste Dumping Area	0-38	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	--	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenisliment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.05KLD
			Domestic	0.80 KLD
			Other	1.25 KLD
			Total	4.10KLD
23	Storm water management plan		River course will not be altered hence no storm water management plan is required	

The proposal was placed before the 246th meeting held on 30-06-2020 for appraisal as per the above furnished information by the proponent.

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

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

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and obtained land conversion order and also he has stated that the quarry plan has also been got approved from the DMG.

The project is located at a distance of 58 meters from the Malaprabha River. The average top level of the sand block is 539 meters and dry weather flow (bed level) of the river is 530 meters. Mined pit bottom level will be 534.5 meters, hence the bottom of the pit level is 4.5 meters above dry weather flow. The depth of mining is 4.5 meters including 1.5meter top soil and the proponent has stated that he will take up mining subdividing the mining block into three sub blocks and taking up mining in each block every year. Taking this fact into consideration the proposed quantity of 52235 cum or 89840 tons for a plan period of three years can be mined safely and scientifically to a depth of 3 meters. The proponent has also stated that the top soil generated from the tackled block will be stored in the un tackled portions of the block and he will utilize the same for filling up the tackled block before taking up mining in other un tackled block.

The proponent has also stated that there is an existing all weather black topped road and he has stated that he will build cart track road connecting lease area to the black topped road passing through the private agricultural land to a length of 210meters for which he has stated that he will enter MOU with land owners.

The proponent has also stated that he will establish a stock yard on the un tackled portion of the lease area. The proponent has stated that there are no eco-sensitive zones within the radius of 10 KM from the boundary of lease area.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease, the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.0 lakhs and the same will be contributed to CM care fund.

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

1. Safe drinking water has to be provided at the quarry site.

2. Only registered labours should be employed.
3. All stipulations of Sustainable Sand Mining Management Guidelines-2016 issued by MoEF&CC, GoI will be strictly adhered to.

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

246.37 Proposed BUILDING STONE (M-SAND) QUARRYING In 5-00 Acres of Patta Land at Sy. No. 150/3 & 149/1, Ghodageri Village, Hukkeri Taluk, Belagavi District Karnataka By **Sri. Hanumanth G Gadiwaddar (SEIAA 96 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. Hanumanth G Gadiwaddar** At/Po: Dhupdal, Gokak Taluk, Belagavi District.		
2	Name & Location of the Project	Building Stone (M-Sand) Quarry in 5-00 Acres of Patta Land bearing Sy. No. 150/3 & 149/1, Ghodageri Village, Hukkeri Taluk & Belagavi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 16° 09' 30.60"	E 74° 42' 27.50"
		B	N 16° 09' 23.90"	E 74° 42' 22.90"
		C	N 16° 09' 21.20"	E 74° 42' 22.90"
		D	N 16° 09' 23.30"	E 74° 42' 25.30"
		E	N 16° 09' 25.40"	E 74° 42' 26.90"
		F	N 16° 09' 27.00"	E 74° 42' 28.80"
		G	N 16° 09' 27.40"	E 74° 42' 29.40"
4	Type of Mineral	Building Stone (M-Sand)		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	5-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	NA		

	guideline 2016			
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,74,903 (Avg.) Tons/ Annum[Saleable]	
14	Quantity of Topsoil/Over burden in cubic meter/Tons		38,610 Tons	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		3,569 Tons/Annum	
16	Project Cost (Rs. In Crores)		0.40	
17	Environmental Sensitivity			
	a.	Nearest Forest	Melmatti Reserve Forest 533m E Hidkal Reserve Forest 5.25 Km W	
	b.	Nearest Human Habitation	Ghodageri Village 2.9 Km	
	c.	Educational Institutes, Hospital	Hukkeri which is Taluk head quarter-13 Km	
	d.	Water Bodies	Ghataprabha River 3.65Km W Markandeya River 3.75 Km SE Dhupdal Lake 6.75 Km NE	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres-Guntas			
	a.	Proposed working	3-14	
	b.	Proposed shelter	0-03	
	c.	Proposed stack yard	0-03	
	d.	Proposed Dump yard	0-08	
	e.	Proposed road	0-03	
	f.	Proposed Buffer zone	1-09	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.00 KLD
			Domestic	0.45 KLD
			Plantation	3.00 KLD
			Total	6.45 KLD

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

The proposal was placed before the 246th meeting held on 30-06-2020 for appraisal as per the above furnished information by the proponent.

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

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

It is noted that there is a railway line passing in the vicinity of this lease area and as per co-ordinates provided by proponent, the distance appears to be 75-80 meters. Since it is less than the mandated 200 meters, the proponent has stated that he will comeback with clarification about this matter.

As against this the proponent & consultant kept on defending that the distance between the lease area and the railway line is more than 300 meters, even though there is a mention in the notification issued by DMG, that he should go for mining without involving blasting because of the nearer with the railway track. Hence committee took exception that the proponent and consultant are misleading the committee even though the measured distance according to co-ordinates between the mining lease boundary and railway line is 75-80 meters. In this regard committee decided to request SEIAA to issue warning notice to project proponent and consultant.

The committee noted that this is a fresh lease involving building stone mining in Patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 17-01-2020.

As seen from the quarry plan there is a level difference of 6 meters within the mining area and taking this fact into consideration, the committee opined that 60% of the proved quantity of 339300 cum or 892359 tons can be mined safely and scientifically to a quarry pit depth of 18 meters for a plan period of five years which will be the life of the mine.

The proponent has stated that he will go for mining without involving blasting and mining will be done through wedging and chiseling.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease and the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

The proponent has also stated that his project does not fall within 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 an existing cart track road to a length of 900 meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.10.00 lakhs and the same will be contributed to CM Cares fund.

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and the other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.38 Proposed Building Stone Quarry Project at Sy.No.25 of Bennahalli Village, Ramangara Taluk, Ramanagara District Karnataka (Q.L.No.746) an area of 3-00 Acres by **Sri G. Ramaiah (SEIAA 97 MIN 2020)**

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

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

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

246.39 Proposed Grey Granite Quarry Project at Gramthana of Santhekallahalli Village, Chintamani Taluk, Chikkaballapura District Karnataka an area of 2-00 Acres by **Sri M.S. Anjaneya Reddy (SEIAA 98 MIN 2020)**

<table>
<tr><td>Sl. No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri M S Anjaneya Reddy
S/o K Munisonnappa
Santhekallahalli Village
Chinthamani Taluk
Chikkaballapur District</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Grey Granite and Building Stone Quarry of
Sri M S Anjaneya Reddy,
Extent of 2-00 Acers under part of Gramathana
Santhekallahalli Village,
Chinthamani Taluk,
Chikkaballapura District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Boundary Points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 16′23.1″</td><td>E 77° 56′40.7″</td></tr>
<tr><td>B</td><td>N 13° 16′24.7″</td><td>E 77° 56′44.2″</td></tr>
<tr><td>C</td><td>N 13° 16′21.5″</td><td>E 77° 56′44.2″</td></tr>
<tr><td>D</td><td>N 13° 16′19.9″</td><td>E 77° 56′42.9″</td></tr>
<tr><td>E</td><td>N 13° 16′22.6″</td><td>E 77° 56′42.7″</td></tr>
<tr><td>F</td><td>N 13° 16′22.5″</td><td>E 77° 56′41.7″</td></tr>
<tr><td>G</td><td>N 13° 16′20.5″</td><td>E 77° 56′41.9″</td></tr>
<tr><td>H</td><td>N 13° 16′22.6″</td><td>E 77° 56′40.6″</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Grey Granite and Building stone</td></tr>
<tr><td>5</td><td>Existing</td><td>Existing</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.8093</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
</table>

10	Depth of Sand proposed to be removed	NA
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	
12	Quantity of Topsoil/Over burden in cubic meter	--
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	25,242 Cum for a period of 5 years and it will be as Building stone
14	Project Cost (Rs)	40 lakhs.
15	Environmental Sensitivity	
	a. Nearest Forest	
	b. Nearest Human Habitation	Santhekallahalli 0.8 km from the proposed lease area.
	c. Educational Institutes, Hospital	Chinthamani 18.5 km from the proposed lease area.
	d. Water Bodies	-
	e. Other Specify	-
16	Applicability of General Condition of the EIA Notification, 2006	
17	Details of Land Use in Ha	

Year	Saleable Grey Granite in Cu.m	Saleable Building Stone in Tonnes
1st	1,800	11,046
2nd	2007	12,316
3rd	2169	13,310
4th	2340	14,362
5th	2502	15,353
Total	**10,818**	**66,387**

Sl. No.	Particulars	Area in Acres
1	Quarry workings	0-28

		2	Waste Dumps	0-09
		3	Roads	0-02
		4	Mineral Storage	0-04
		5	Buffer zone	0-36
		6	Infrastructure	0-01
		Total		**2-00**
18	Method of Mining/ Quarrying	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading		
19	Water Requirement			
	a. Source of water	Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 4.0 KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.		
	b. Total Requirement of Water in KLD	Dust Suppuration	1.5	
		Domestic	1.0	
		Other	1.5	
		Total	**4.0**	
20	Storm water management plan	-		

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

The proponent and Environment consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application Form-1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The lease for this proposal was granted during 1992 for a period of 10 years. The proponent has stated that he has filed an application for the deemed extension for 30 years i.e. up to 2022. As per the quarry plan the proponent has submitted for the plan period of 5 years. But since the lease period is going to end by 2022, the proponent has agreed to restrict the quarry plan period to 2 years and he has agreed to get the quarry plan modified and submit accordingly. For rate of mining the proponent has stated that he will restrict to the rate proposed in the mining plan i.e. gross quality of 12690 cum.

This is an old lease proposal involving ornamental stone mining in Govt land. The proponent has stated that he has obtained NOC from Revenue Deparrtment.

As seen from the quarry plan there is a level difference of 3 meters and taking this factor into consideration the committee opined that the planned quantity of 12690 cum for a plan period of 2 years can be mined safely and scientifically to a depth of 6 meters.

The proponent has stated that the recovery is 30% in the form of commercial blocks and Khandas i.e. 3807cum and balance 70% will be converted to building stone and the same has been reflected in the quarry plan.

As per the cluster sketch prepared by DMG there are 9 leases including this lease within the 500 meters radius from this lease area and all these leases are granted prior to 09.09.2013 and hence he claimed exemption from cluster effect. Hence the committee decided to categorize this proposal under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

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

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 600meters connecting the lease area to all weather black topped road.

The committee after discussion decided to recommend the proposal to SEIAA with a condition that the proponent to submit the revised Quarry Plan and the Forest NOC to the authority.

The committee also imposed the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.40 Proposed Building Stone Quarry Project at Sy.No.25 of Bennahalli Village, Ramanagar Taluk & District Karnataka (Q.L.No.B.S.747) an area of 3-00 Acres by **Sri P. Mahadeva Rao (SEIAA 99 MIN 2020)**

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

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

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

246.41 Proposed Building Stone Quarry Project at Sy.Nos.198/12, 13, 14 & 15 of Talamadagi Village, Chitaguppa Taluk, Bidar District Karnataka an area of 3-00 Acres by **Sri Rajashekhar Patil (SEIAA 100 MIN 2020)**

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Rajashekhar Patil
S/o Somshekhar Patil
#7-1202/2/68, Bank Colony,
Gunj Road, Gulbarga District,
Karnataka – 585104</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone(Laterite) Quarry" of
Sri. Rajashekhar Patil
at Sy No: 198/12, 13, 14 & 15,
Talamadagi Village, Chitaguppa Taluk,
Bidar District, Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">WGS 84 DATUM</th></tr><tr><th>Sl. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N 17° 45' 58.8"</td><td>E 77° 15' 26.1"</td></tr><tr><td>B</td><td>N 17° 46' 00.6"</td><td>E 77° 15' 26.0"</td></tr><tr><td>C</td><td>N 17° 46' 00.7"</td><td>E 77° 15' 19.0"</td></tr><tr><td>D</td><td>N 17° 45' 58.7"</td><td>E 77° 15' 19.1"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Building Stone(Laterite) Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest,</td><td>Patta Land</td></tr>
</table>

	Government Revenue, Gomal, Private/Patta, Other]		
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		1.214 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed in case of River sand		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's Building Stone(Laterite) Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,00,000 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		12,600 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		11,111tons/annum
16	Project Cost (Rs. In Crores)		1.10
17	Environmental Sensitivity		
	a.	Nearest Forest	No Forest within 5 Kms
	b.	Nearest Human Habitation	Talamadagi Village – 2.20 kms (W)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chitaguppa – 7.90 kms (SW).
	d.	Water Bodies	Karanja Reservoir – 5.90 Kms (NE)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	2-04
	b.	Waste Dumping Area	0-01
	c.	Top Soil yard	0-01
	d.	Mineral Storage Area	
	e.	Infrastructure Area	

	f.	Road Area	0-01	
	g.	Green Belt Area	0-33	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Opencast Semi Mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	6.53 KLD
			Domestic	0.70KLD
			Other	4.27 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving Laterite soil mining in Patta land, which is being used in the cement industry. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and applied for land conversion order. The lease has been notified on 05-09-2019.

As seen from the quarry plan there is a level difference of 2 meters within the mining area and taking this fact into consideration, the committee opined that 35% of the proved quantity of 291000 cum can be mined safely and scientifically to a quarry pit depth of 15 meters for a plan period of five years.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease and the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

He has also stated that his project does not fall within 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 280 meters connecting lease area to all weather black topped road.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.42 Proposed Building Stone Quarry Project at Sy.Nos.11 & 29 of Mallaiyyanapura Village, Chamarajanagara Taluk & District Karnataka an area of 10-00 Acres by **M/s. Sadbhav Engineering Limited (SEIAA 101 MIN 2020)**

<table>
<tr><th>Sl No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s Sadbhav Engineering Ltd
Sadbhav House,Opp Law Garden,police Chowki, Ahmedabad 3800006.</td></tr>
<tr><td>2</td><td>Name & Location of the project</td><td>Sy no 11& 29 of Mallainapura village ChamarajanagarTq&Dist</td></tr>
<tr><td>3</td><td>Coordinates of the project site</td><td>
<table>
<tr><th>Points</th><th>Longitude</th><th>Latitude</th></tr>
<tr><td>X1</td><td>E-76^{0}55′ 11.1″</td><td>N-11^{0}53′ 11.9″</td></tr>
<tr><td>X</td><td>E-76^{0}55′ 09.0″</td><td>N-11^{0}53′ 16.5″</td></tr>
<tr><td>A</td><td>E-76^{0}55′ 08.0″</td><td>N-11^{0}53′ 26.6″</td></tr>
<tr><td>B</td><td>E-76^{0}55′ 13.1″</td><td>N-11^{0}53′ 25.3″</td></tr>
<tr><td>C</td><td>E-76^{0}55′ 11.0″</td><td>N-11^{0}53′ 18.7″</td></tr>
<tr><td>D</td><td>E-76^{0}55′ 07.8″</td><td>N-11^{0}53′ 19.1″</td></tr>
<tr><td>E</td><td>E-76^{0}55′ 06.9″</td><td>N-11^{0}53′ 16.0″</td></tr>
</table>
</td></tr>
</table>

		F	E-76^{0}55′ 05.5″	N-11^{0}53′ 16.3″
		G	E-76^{0}55′ 06.4″	N-11^{0}53′ 22.3″
4	Type of mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of land (Forest, Governemnt Revenue, Gomal, Private / patta, Other)	Govt Land		
7	Whether the project site fall within ESZ / ESA	No		
8	Area in Ha	4.04 Ha		
9	Actual depth of sand in the lease area in case river sand	NA		
10	Depth of sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing / expansion/ modification of the mining proposals other than river sand	NA (Fresh area)		
13	Annual production proposed (Metric tons / CUM) / Annum	800000 TPA/307692 M^3/Annum		
14	Quantity of top soil / over burden in cubic meter	Nil		
15	Mineral waste handled (metric tons / CUM) / Annum	16000 TPA/6154 M^3/annum		
16	Project cost (Rs. in crore)	2.00		
17	Environment sensitivity			
	a. Nearest forest	Reserve forest – 2.00kms		
	b. Nearest human habitation	Mallaiyyanapura– 2.50 km		
	c. Educational institutions, hospital	Mallaiyyanapura – 4.50 km		
	d. Water bodies	Haradanahallikere - 3.07 Kms (E) Suvarnavathy Dam – 12.13 Kms (SE)		
	e. Others specify	NA		
18	Applicability of General Condition			

	of the EIA Notification, 2006		
19	Details of land use in acres		
	a.	Area for mining / quarrying	3.37 Ha
	b.	Waste dumping area	-
	c.	Top soil storage area	-
	d.	Mineral storage area	-
	e.	Infrastructures area	-
	f.	Road area	-
	g.	Green belt area / buffer zone	0.67 Ha
	h.	Unexplored area	-
	i.	Others specify	-
20	Method of mining / quarrying		Semi mechanized open cast method
21	Rate of Replenishment in case River sand project		NA
22	Water requirement		
	a.	Source of water	Borewell
	b.	Total requirement of water in KLD	10 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (specify)		NA

The proponent and Environment consultant attended the 246th SEAC meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a new lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. and Notified on 22-01-2020 for 3 years. The proponent has stated that this lease has been granted to utilize the mined materials obtained from this lease exclusively for widening of NH-209 and the same has been reflected in the Notification issued by C&I Department.

The proponent has stated that the lease area is at a distance of 9.5 KM from the notified ESZ of BRT.

As seen from the quarry plan there is a level difference of 15 meters within the mining area and taking this factor into consideration, the committee opined that the proposed quantity of 830435 cum or 2325219 tons can be mined safely and scientifically to a quarry pit depth of 25meters for 3years.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius from this lease and the area of this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 733 meters connecting lease area to all weather black topped road and also the proponent has agreed to go for black topping of this 733 meters road in order to mitigate the dust menace.

As far as CER is concerned the proponent has stated that he will earmark Rs.50.0lakhs and contribute same to CM care fund.

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 and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.43 Proposed Building Stone Quarry Project at Sy.No.09 of Kundur & Pandithanahalli Village, Tumkur Taluk & District Karnataka (Q.L.No.497) an area of 2-00 Acres by **M/s. Z.A.R. Stone Crushers (SEIAA 103 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Z. A. R. Stone Crushers Prop. Mohammed Anwar Ulla 2nd Cross, S S Temple Road, Vinobanagara, Tumkur District,

		Karnataka – 572101
2	Name & Location of the Project	"Building Stone Quarry" of M/s. Z. A. R. Stone Crushers Sy No – 09, Kundur&Pandithanahalli Village, Tumkur Taluk, Tumkur District, Karnataka.
3	Co-ordinates of the Project Site	<table><tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr><tr><td>BP-A</td><td>N 13° 20' 31.4"</td><td>E 77° 09' 24.8"</td></tr><tr><td>BP-B</td><td>N 13° 20' 34.6"</td><td>E 77° 09' 27.0"</td></tr><tr><td>BP-C</td><td>N 13° 20' 35.3"</td><td>E 77° 09' 24.7"</td></tr><tr><td>BP-D</td><td>N 13° 20' 32.0"</td><td>E 77° 09' 22.5"</td></tr><tr><td colspan="3">WGS-WGS 84</td></tr></table>
4	Type of Mineral	**Building Stone Quarry**
5	New / Expansion / Modification / Renewal	Renewal (QL No - 497)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a building stoneQuarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification	900.0 mt existing quarry pit

	of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		70,000 Tonnes/annum	
14	Quantity of Topsoil/Over burden in cubic meter		There is topsoil is available in the area to a depth of 0.5m.(i.e.2,550 Cu.m)	
15	Mineral Waste Handled (Metric Tons/ CUM)		1,429Tonnes/Annum	
16	Project Cost (Rs. In Crores)		1.09crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Devarayadurga State Forest - 0.55 Kms(E)	
	b.	Nearest Human Habitation	Kundur - 1.85 Kms (SW)	
	c.	Educational Institutes, Hospital	Tumkur - 4.30 Kms(SW)	
	d.	Water Bodies	Amani Kere - 4.63 Kms (W)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-11	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-25	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.18KLD
			Domestic	0.60 KLD
			Other	0.82KLD
			Total	11.6 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific		NA	

	to the project (Specify)	

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

The proponent and Environment consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is an old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.

As far as NOCs from Forest & Revenue Department are concerned the DCF, Tumkur has written to DMG vide letter dated 16-12- 2017 stating that the proposed mining area falls in that part of the Sy. no, which has been excluded from the list of deemed forest areas as per the committee headed by D. C Tumkur. Further DCF Tumkur has given the NOC subject to the condition of final acceptance of deemed forest by state government, whereas Revenue Department had earlier given that the entire area of Sy. No 9 of is deemed forest. Based on this proponent has made out application for issue of EC during 2019 and the same has been rejected because of the above reason.

Now the revenue authorities have clarified that 24.64 ha. in Sy. No. 9 has been kept out of deemed forest because of the reason the forest features are not there in this area and hence this application has been made out afresh in the light of the above clarifications.

The lease deed has been executed on 07-1-2004 for 10 years and he has carried out mining up to 2014 and further no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 27 meters within the mining area and taking this fact into consideration and also the fact that he has already mined 46982 tons, the committee opined that 85% of the proposed proved quantity of 134376 cum or 362815 tons can be mined safely and scientifically to a quarry pit depth of 12 meters for a plan period of 5 years.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the lease was granted prior to 09.09.2013. In view of this the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

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

As far as CER is concerned the proponent has stated that he will earmark Rs.7.0lakhs and contribute same to CM care fund.

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 and other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.
4. All stipulations of Sustainable Sand Mining Management Guidelines-2016 issued by MoEF&CC, GoI will be strictly adhered to.

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

246.44 Proposed Building Stone Quarry Project at Sy.No.161/2 of Siddapura Village, Srirangapatna Taluk, Mandya District Karnataka an area of 1-00 Acre by **Sri P.Ummer (SEIAA 104 MIN 2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. P. Ummer** S/o Mohammad Haji Pilassery, Kalanthode Poolacode, NIT Campus PO Kozhikode, Kerala		
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acres of Patta. Land bearing Sy. No. 161/2,Siddapura Village, Srirangapatna Taluk & Mandya District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°28'27.03"	E 76°46'31.90"
		B	N 12°28'26.62"	E 76°46'33.18"

		C	N 12°28'24.09"	E 76°46'32.83"
		D	N 12°28'23.67"	E 76°46'31.18"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	1-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	12,000(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	632/Annum		
16	Project Cost (Rs. In Crores)	0.12		
17	Environmental Sensitivity			
	a. Nearest Forest	Hulikere S.R-3.82 Km N Karighatta S.F-5.11 Km SW K.Shettyhalli Reserved Forest-1.44 KM		
	b. Nearest Human Habitation	Kodisettypura -850m		
	c. Educational Institutes, Hospital	Srirangapatna -12.0Km		
	d. Water Bodies	Elechakanahalli Kere-3.15 KM NE Ragimuddanahalli Kere-1.84 Km NE		

			Uramarakasalageri Kere-3.68 Km E Jakkanahalli Kere-1.82 Km E-SE Alugudu Kere-3.74 Km E-SE Madegundabakoppalu Kere-6.65 Km N-NE Yaliyuru Kere-4.58 Km NE Kaveri Branch Canel-5.34 Km SE Arakere Kere-8.3 Km SE Kaveri River-7.66 Km S Lokapavani River-5.76 Km W	
	e.	Other Specify	Ranganathittu bird sanctuary-13.48 Km Gendehosahalli Vanyajeevi Pradesha-9.70 Km	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Quarry workings	0.209	
	b.	Buffer Zone 7.5m	0.185	
	c.	Dump Yard	0.010	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Borewell Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.40 KLD
			Domestic	0.40 KLD
			Other	2.70 KLD
			Total	6.50KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

The proponent and Environment consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

During appraisal the committee noticed that there are some inconsistencies in the extended cluster sketch certified by DMG, for which the proponent has stated that he will come back with the clarifications in this regard. Hence the committee decided to defer the appraisal of the project proposal.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the clarification.

246.45 Proposed Sand Block Project in Thungabhadra River Bed at Sy.Nos.74, 77, 78, 79 & Ura Jaga 03 of Nagasamudra Village, Bhadravathi Taluk, Shivamogga District Karnataka an area of 10-00 Acres by **Smt. Jyothi Chouhan (SEIAA 105 MIN2020)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Smt. Jyothi Chouhan** 439/1 Shri Sai Nivas, 12th Cross, Bhuvaneshwari Nagara, Hebbal, Kempapura, Bengaluru-24.		
2	Name & Location of the Project	Nagasamudra Sand Block in 10-00 Acres of Govt. Revenue Land in Tungabhadra River Bed bearing Sy. No. 74, 77, 78, 79 & Ura Jaga 03 of Nagasamudra village, Bhadravathi Taluk, Shivamogga District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 14°03'15.63"	E 75°42'32.63"
		B	N 14°03'11.80"	E 75°42'52.89"
		C	N 14°03'14.00"	E 75°42'53.46"
		D	N 14°03'17.74"	E 75°42'33.00"
4	Type of Mineral	Ordinary River Sand Nagasamudra Sand Block		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	10-00 acres		

9	Actual Depth of sand in the lease area in case of River sand		2.0m
10	Depth of Sand proposed to be removed in case of River sand		0.28m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		14,701 Tons/annum
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		9,861 Tons / Annum
14	Quantity of Topsoil/Over burden in cubic meter/Tons		NA
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No Waste Generation
16	Project Cost (Rs. In Crores)		0.60
17	Environmental Sensitivity		
	a.	Nearest Forest	Haramgatta SF 3.6 Km W Bhadrapur RF 7.7 Km E-NE
	b.	Nearest Human Habitation	Nagasamudra Village
	c.	Educational Institutes, Hospital	Shivamogga which is Taluk head quarter-19 Km
	d.	Water Bodies	The project lies on Thungabhadra River Sidlipur Kere 3.2 Km S-SW Mallapur Kere 3.7 Km SE Adrihalli Kere 3.8 Km E-NE Nimbegondi Kere 4.6 Km NE Chillur Kere 6.7 Km W-NW Hosahalli Camp Kere 6.8 Km N-NE Vithalpur Kere 7.6 Km S
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres-Guntas		
	a.	Mine workings (old pits)	---
	b.	Waste Dumps	---
	c.	Roads	---
	d.	Mineral storage	---

	e.	Statutory Buildings	---	
	f.	Mineral separation plant	---	
	g.	Unexplored Area	10-00	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.25 KLD
			Domestic	0.25 KLD
			Other	5.50 KLD
			Total	10.00 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

During appraisal the committee observed that as per the cluster sketch approved by DMG there are two leases including this lease within the 500 meter radius from this lease area and the total area of these two leases is 24-00 Acres and which being more than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B1 category as per the EIA Notification 2006 and had decided to recommend the proposal to SEIAA for issue of standard TORs to conduct EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional TORs.

1) Sand replenishment studies as per updated norms to be carried out and submitted.
2) River bank protection works may be detailed and submitted.
3) Handling of wastes if any as to be detailed and submitted.
4) Impacts of sand mining on the local aquatic & other organisms and mitigation measures may be detailed and submitted.

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

By Permission of chair:-

246.46 Proposed Building Stone Quarry Project at Sy.No.31/C1 of Kanavi Thimmalapura Village, Hosapete Taluk, Ballari District (1.70 Acres) **by Sri C. Laxminarasaiah (SEIAA 69 MIN 2020)**

The proponent was invited for the 245th meeting held on 19-06-2020 to provide required clarification. The proponent remained absent without intimation.

However information regarding audit report and earlier EC issued is not forthcoming.

The committee after discussion decided to defer the appraisal of the project proposal without clarification for the above.

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri C. Laxminarasaiah,
C/o ChellaVenkatanaydu,
31, KampliKottaal,
Hosapete Taluk,Ballari District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" Sy. No. 31/C1,KanaviThimmalapura Village, Hosapete Taluk, Ballari District.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">Datum – wgs84</th></tr><tr><th>Pillar</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>15° 21′ 04.2″</td><td>76° 36′ 00.6″</td></tr><tr><td>B</td><td>15° 21′ 04.6″</td><td>76° 36′ 04.0″</td></tr><tr><td>C</td><td>15° 21′ 01.5″</td><td>76° 36′ 03.1″</td></tr><tr><td>D</td><td>15° 21′ 02.8″</td><td>76° 36′ 00.2″</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Govt.Land</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.687 Ha (1.70 Acres)
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be Removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016		NA/ Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA / New quarry
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		26,410Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Over burden in cubic meter		Nil
15	Mineral WasteHandled (Metric Tons/ CUM)		410 Tons/ Annum
16	Project Cost (Rs. In Crores)		30 lakhs
17	Environmental Sensitivity		
	a.	Nearest Forest	Bukkasagara Reserved Forest 3.05 Km - SW
	b.	Nearest Human Habitation	Devasamudram Village – 3.00 Kms (E) Kanivi Thimmalapura -- 3.15 Kms (W)
	c.	Educational Institutes, Hospital	Kampli – 5.90 Kms (North)
	d.	Water Bodies	Sanapura Surface water body – 1.50 Km (N) TB-Low level canal - 0.35 km (N)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		--
19	Details of Land Use in Hectares		
	a.	Area for Mining/ Quarrying	0-38
	b.	Waste Dumping Area	--

	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/ Buffer Zone	0-25	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearest Borewell	
	b.	Total Requirement of Water in KLD	Dust Suppression and Plantation	10 KLD
			Domestic	1 KLD
			Total	11 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The proponent and Environment consultant attended the 246th meeting held on 19-06-2020 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is an old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.

The lease deed has been executed on 26-09-2006 for 5 years and he has carried out mining up to 2011 and further no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this factor into consideration, and also the fact that he has already mined 5850 tons the committee opined that the proposed quantity of 46753 cum or 122963 tons can be mined safely and scientifically to a quarry pit depth of 10 meters for a plan period of 5 years because the lease period ends in 2026.

The proponent has claimed exemption from cluster effect for this lease due to the fact that the lease was granted prior to 09.09.2013. In view of this the committee decided to categorize this project under B2 category as per EIA Notification 2006 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 100meters connecting lease area to kaccha road.

As far as CER is concerned the proponent has stated that he will earmark Rs 2.5 lakhs and contribute same to CM care fund.

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 and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

246.47 Proposed Building Stone Quarry Project at Sy.No.183 of Kodalu Village, Sandur Taluk, Ballari District (1.15 Acres) **by Smt.B.Roopa Salomi (SEIAA 70 MIN 2020)**

The proponent was invited for the 245th meeting held on 20-06-2020 to provide required clarification. The proponent remained absent without intimation.

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

Sl. No	PARTICULARS	INFORMATION

<table>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Smt. B.RoopaSalomi,
W/o B.Raju,
#48, Ordinance Road fort,
Ballari – 583 101.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" Sy. No. 183,Kodalu Village, Sandur Taluk, Ballari District.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">Datum – wgs84</th></tr><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>15° 07′ 31.2″</td><td>76° 41′ 35.1″</td></tr><tr><td>B</td><td>15° 07′ 31.5″</td><td>76° 41′ 36.8″</td></tr><tr><td>C</td><td>15° 07′ 28.8″</td><td>76° 41′ 37.1″</td></tr><tr><td>D</td><td>15° 07′ 28.5″</td><td>76° 41′ 35.0″</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Govt.Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.465 Ha (1.15 Acres)</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be Removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016</td><td>NA/ Building Stone Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>NA / New quarry</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>20,005Tonnes per annum salable Building Stone Quarry</td></tr>
</table>

14	Quantity of Topsoil/Over burden in cubic meter		Nil	
15	Mineral WasteHandled (Metric Tons/ CUM)		408 Tons/ Annum	
16	Project Cost (Rs. In Crores)		0.20	
17	Environmental Sensitivity			
	a.	Nearest Forest	Kodalu Reserved Forest 1.1 Km - S	
	b.	Nearest Human Habitation	Kodalu Village – 1.00 Kms (NW)	
	c.	Educational Institutes, Hospital	Ballari – 21.0 Kms (NE)	
	d.	Water Bodies	Marutla Surface water body – 2.10Km (S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.267	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area/Buffer Zone	0.188	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearest Borewell	
	b.	Total Requirement of Water in KLD	Dust Suppression and Plantation	4.0 KLD
			Domestic	1.0 KLD
			Total	5.0 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	

24	Any other information specific to the project (Specify)	NA

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

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020 to provide clarification/additional information.

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

The committee noted that this is a fresh lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 14-09-2017.

However the forest NOC is dated 19-06-2013, in view of the fact that exercise of identification of survey number wise deemed forests has been undertaken after 2015 and Wild Life Sanctuaries/Conservation Reserves have been notified in the intervening period, the committee expressed that the recent NOC from forest dept is required, for which the proponent readily agreed to submit the same.

As seen from the quarry plan there is a level difference of 19 meters within the mining area and taking this fact into consideration, the committee opined that the proved quantity of 37600 cum or 100017 tons can be mined safely and scientifically to a quarry pit depth of 6 meters for a plan period of five years which will the life of the mine.

As per the cluster sketch approved by DMG there are 17 other leases within the 500 meter radius from this lease and all these leases have been certified by DMG stating that the lease period expired, hence the proponent requested not to take these leases for the cluster effect and this lease being less than the threshold limit of 5 Hectares, the committee decided to categorize this proposal under B2 category as per the EIA Notification 2006 and proceeded with the appraisal accordingly.

He has also stated that his project does not fall within 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 1.8KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs and the same will be contributed to CM Cares fund.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance with the condition that the proponent will submit the latest forest NOC to the authority.

Committee also imposed the following conditions.

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures and all other measures contained in EMP have to be strictly followed.
3. Only registered labours should be employed.

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

Reconsideration Projects:-

246.48 Proposed Expansion of Bulk drug and Intermediate Manufacturing Unit at 122-A/B/C, KIADB Industrial area, Humnabad Bidar District Karnataka 585330 by **R CHEM (SOMANAHALLI) PVT LTD (SEIAA 17 IND 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**Mr. B.V Srinivasa Rao - DGM – Operations** **M/s. R Chem (Somanahalli) Pvt Ltd** Plot No. 122 -A, B, C, KIADB industrial area, Humnabad Taluk, Bidar District, Karnataka - 585330
2	Name & Location of the Project	**M/s. R Chem (Somanahalli) Pvt Ltd** Expansion of Bulk drugs and Intermediates Manufacturing Unit located at Plot No. 122-A, 122-B, 122-C, KIADB Industrial area, Taluka: Humnabad, District: Bidar, Karnataka
3	Co-ordinates of the Project Site	Project site Co-ordinates 17° 45'52.5" N

			77° 05′ 40.4″ E
4	Environmental Sensitivity		
	a.	Distance from Nearest Lake/ River/ Nala	• Mullahmari river 13 km (WSW) • Doddahalla 10.18 Km (E) • Chandrihalla 1.2 Km N
	b.	Distance from Protected area notified under wildlife protection act	None within 10 KM Radius
	c.	Distance from the interstate boundary	-
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Sl. No. 5(f) of EIA notification 2006. Synthetic organic chemicals industry - bulk drugs and intermediates.
6	New/ Expansion/ Modification/ Product mix change		Expansion
7	Plot Area (Sqm)		Exiting 8091+ additional 8476 = 16567 Sq. meter
8	Built Up area (Sqm)		5161sqm
9	Component of developments		Facility for manufacture of Bulk Drugs and intermediates
10	Project cost (Rs. In crores)		Existing 26.27Crores Proposed cost Rs. 23.60 Crores Total: Rs. 49.87 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	5161
	b.	Kharab Land	-
	c.	Internal Roads	Shown in layout plan
	d.	Paved area	-
	e.	Parking	3601
	f.	Green belt	5467
	g.	Open land	2338
	h.	Others Specify	-
	i.	Total	**16567**

12	Products and By- Products with quantity (enclose as Annexure if necessary)		Detailed in Annexure- I	
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Raw materials with quantity and their source is detailed in PFR annexure	
14	Mode of transportation of Raw material and storage facility		Most of the raw materials will be received by road ways only. Dedicated storage facility will be provided for raw materials.	
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		**N/A**	
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Quantity of Fly ash generated: 657 TPA Collection, Storage, transportation and disposal to brick manufacturers/ cement industries	
17	Complete process flow diagram and technology employed		Detailed in PFR Annexure 10	
18	Details of Plant and Machinery with capacity/ Technology used		Detailed in PFR	
19	Details of VOC emission and control measures wherever applicable		Detailed in EMP	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Tankers	
	b.	Quantity of water for Construction in KLD	2	
	c.	Quantity of water for Domestic Purpose in KLD	0.5	
	d.	Wastewater generation in KLD	0.4	
	e.	Treatment facility proposed and scheme of disposal of treated water	Existing onsite STP for domestic waste	
	II	Operational Phase		
	a.	Source of water	Open wells, Bore wells and Tankers	
	b.	Total Requirement of Water in KLD	Fresh	92.28
			Recycled	126.8
			Total	219.08
	c.	Requirement of water for industrial	Fresh	86.28

		purpose / production in KLD	Recycled	126.80
			Total	199.08
	d.	Requirement of water for domestic purpose in KLD	Fresh	6
			Recycled	0
			Total	6
	e.	Wastewater generation in KLD	Industrial effluent	65.1
			Domestic sewage	5.1
			Total	70.2
	f.	ETP/ STP capacity	ETP: 70 KLD, STRIPPER, MEE 30 KLD + 50 KLD, ERO -70 KLD STP: 10 KLD	
	g.	Technology employed for Treatment	Detailed in PFR (Zero Liquid Discharge)	
	h.	Scheme of disposal of excess treated water if any	Not applicable	
21	Infrastructure for Rainwater harvesting		Roof water collected, stored and reused in cooling tower	
22	Storm water management plan		Storm water drains provided and collected for use	
23	Air Pollution		-	
	a.	Sources of Air pollution& Control measures	Process reactors Wet scrubber • Production block 1&2- 1 Scrubber **Proposed:** • Production block 3 – 1 scrubber • Production block 4 - 1 Scrubber Are provided to treat process emissions from production blocks. New 2 numbers proposed to treat the proposed additional products. **Utility section** Boilers - 3 TPH and 2 TPH connected to stack height of 30 m, 2 TPH will be replaced with 4TPH boiler to meet ZLD requirements DG sets of 320 KVA x 1 Nos. and 600 KVA x 1 Nos. is installed. Additional 750 KVA DG set proposed as power backup while phasing out 320 KVA DG SET.	
	b.	Composition of Emissions	PM, SO_2, NOx	
24	Noise Pollution			
	a.	Sources of Noise pollution	Diesel generators and pumps are provided with noise and vibration control and acoustic measures as per guidelines.	

<table>
<tr><td></td><td>b.</td><td>Expected levels of Noise pollution in dB</td><td colspan="3">Within the limits KSPCB prescribed for industrial area.</td></tr>
<tr><td></td><td>c.</td><td>Noise pollution control measures proposed</td><td colspan="3">D.G. sets are used only during the emergency of power failure to run essential services. Acoustic enclosures are provided to DG sets.</td></tr>
<tr><td>25</td><td colspan="5">WASTE MANAGEMENT</td></tr>
<tr><td></td><td>I.</td><td colspan="4">Operational Phase</td></tr>
<tr><td></td><td rowspan="2">a.</td><td rowspan="2">Quantity of Solid waste generated per day and their disposal</td><td>Biodegradable</td><td rowspan="2" colspan="2">Solid Waste: Office waste like paper etc. is expected.
Plastic drums and bags will be sold to KSPCB authorized recycler.</td></tr>
<tr><td>Non- Biodegradable</td></tr>
<tr><td></td><td>b.</td><td>Quantity of Hazardous Waste generation with source and mode of Disposal as per norms</td><td colspan="3">Mode of disposal of hazardous waste is detailed in PFR.
<table>
<tr><th>Sl. No</th><th>Type of Waste</th><th>Total (TPA)</th><th>Mode of Disposal</th></tr>
<tr><td>1</td><td>Aq. Dimethyl sulphoxide (50%)</td><td>297.72</td><td rowspan="13">By product sale to end user</td></tr>
<tr><td>2</td><td>sodium Methyl thionate solution (20%)</td><td>3017.04</td></tr>
<tr><td>3</td><td>Sodium sulphate</td><td>457.59</td></tr>
<tr><td>4</td><td>Methane sulphonic acid</td><td>252</td></tr>
<tr><td>5</td><td>Ammonium chloride</td><td>916.32</td></tr>
<tr><td>6</td><td>Potassium sulphate</td><td>230.04</td></tr>
<tr><td>7</td><td>Sodium chloride</td><td>492.50</td></tr>
<tr><td>8</td><td>Sodium Nitrate</td><td>120.84</td></tr>
<tr><td>9</td><td>Sodium Acetate</td><td>102.17</td></tr>
<tr><td>10</td><td>Ammonium Sulphates/ Sulphides</td><td>318.48</td></tr>
<tr><td>11</td><td>Calcium Chloride</td><td>7.2</td></tr>
<tr><td>12</td><td>Potassium Chloride</td><td>135.24</td></tr>
<tr><td>13</td><td>Magnesium Chloride</td><td>53.64</td></tr>
</table></td></tr>
</table>

			14	Sodium Bromide	135	
			15	Potassium Bromide	91.92	
			16	Hydrogen Bromide	34.66	
			17	Chromium sulphate	137.20	
			17	Spent Iron powder	90	
			18	Spent Carbon, Hyflow&Charcoal	50.66	Collection, Storage, transportation and incineration at Cement plants
			19	Catalyst -Spent raney nickel	28.2	Collection, Storage, returned to supplier for reprocess
			20	Organic Residue (solvent distillation)	1119.7	Collection, Storage, transportation and incineration at Cement plants
			21	Spent Solvent	223.51	Collection, Storage, transportation to reprocesses at KSPCB approved re-processor
			22	Chemical containing Sludge from cleaning of Storage Tank	6	Collection, Storage, transportation and incineration at TSDF

			23	Used Oil	0.3	Collection, storage and disposal to recycler
			24	ETP Sludge	3	Disposal to TSDF/ Incinerator / co-processing at cement plants
			25	Empty Drums of Chemical containing Traces	2000	Collection, Storage, transportation and disposal to KSPCB approved agencies
			26	Battery	50	Collection, Storage, returned to supplier
			27	MEE Salt – inorganic	1886.69	Collection, Storage, transportation to TSDF
			28	MEE Salt-organic	467.69	Collection, Storage, transportation to TSDF/ incineration at Cement plants
			29	Fly ash/coal ash	657	Collection, Storage, transportation and disposal to brick manufacturers/ cement

			industries
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	-
26	Risk Assessment and disaster management		Risk assessment will be carried out during operation of the plant.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	750 KVA for manufacturing facility at present, 750 KVA additional power requirement for operation of new facility. Total power requirement after expansion = 1500 KVA. (Sourced from GESCOM.)
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 600 KVA x 1 Nos. and 320 KVA x 1Nos. is presently in use. Additional 750 KVA DG set proposed as power backup. Existing 320 kVA will be discontinued.
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	HSD during power failure: 110 litres per hour (Existing 75-25 + Proposed 60) Coal/ Briquette= Existing 7/ 8TPD and total coal/briquette requirement after expansion is 10 TPD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy saving bulb, fittings, pumps are procured for the project.
28	PARKING		
	a.	Parking Requirement as per norms	Provided as per standard
	b.	Internal Road width (RoW)	Detailed in Plant layout plan.
29		Any other information specific to the project (Specify)	This project is dire need for supply of drugs to patients, including COIVD-19 drugs

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

The Proponent and Environment Consultant attended the 243rd meeting held on 22nd May 2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting. The following paragraphs summarizes the deliberation of the committee.

This is a proposal involving expansion of the existing unit, the EC for the existing unit was issued during the year 2017 and as far as certified compliance to EC is concerned the proponent has stated that he is regularly filing half yearly returns to Regional Office MoEF&CC and they couldn't visit the site because of the COVID-19 crisis and hence the compliance is yet to be got certified.

The committee expressed concerns about the rainwater harvested is being let into the open well and for which the proponent readily agreed to build another structure to store the rainwater separately and he has agreed to quantify the actual yield and run-off based on the rainfall data.

During appraisal following lacunas were noticed

1) Solvent recovery analysis data for all the solvents have not been furnished.
2) Material balances for all the products have not been furnished.
3) Risk assessment has not been done and furnished.
4) Characterization of the material based on the toxicity has not been done.
5) Alternatives to Raney nickel have not been furnished.
6) Trend analysis of the baseline data collected during the compliance to the EC is not been furnished.
7) Details of species wise and number wise existing and proposed trees were not found.
8) Details of species wise and number wise plant species to develop 10 to 15meter wide 3 tier greenbelt all along the boundary along with design is not furnished.

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

1) Solvent recovery analysis data for all the solvents may be carried out and submitted.
2) Material balances for all the products may be submitted.
3) Risk assessment study may be carried out and submitted.
4) Characterization of the raw material based on the toxicity may be submitted
5) Trend analysis of the baseline data collected during the compliance to the EC and recent baseline data may be submitted.
6) Details of species wise and number wise existing and proposed trees may be submitted.
7) Details of species wise and number wise plant species to develop 10 to 15meter wide 3 tier greenbelt all along the boundary along with design may be submitted.

The proponent submitted replies on 18.06.2020. The replies submitted by the proponent were placed before the 246th SEAC meeting held on 30.06.2020 for reconsideration.

The replies submitted by the proponent were perused, after discussion and deliberation committee accepted the replies submitted by the proponent and decided to recommend the proposal to SEIAA for issue of Environmental clearance with the following conditions.

1) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

246.49 Proposed Bulk Drugs & Intermediates, Active Pharmaceutical Ingredients Manufacturing Unit at Plot no. 99P, Humnabad Industrial Area, Gadavanthi Village, Humnabad Taluk Bidar District Karnataka 585330 by **M/S. K.S.T PHARMACEUTICALS (SEIAA 18 IND 2020)**

<table>
<tr><td>Sl. No</td><td colspan="2">PARTICULARS</td><td colspan="4">INFORMATION</td></tr>
<tr><td>1</td><td colspan="2">Name and Address of the Project Proponent</td><td colspan="4">M/s. K.S.T Pharmaceuticals
Plot.No.99P
Humnabad Industrial area,
Bidar District. -585330, Karnataka</td></tr>
<tr><td>2</td><td colspan="2">Name and Location of the Project</td><td colspan="4">M/s. K.S.T Pharmaceuticals
Plot No: 99,
Humnabad Industrial Area,
Gadavanthi Village,Humnabad Taluk,
Bidar - 585330, Karnataka State.</td></tr>
<tr><td>3</td><td colspan="2">Co-ordinates of the Project Site</td><td colspan="4">Latitude: 17°46'01" N
Longitude: 77°05'32" E</td></tr>
<tr><td>4</td><td colspan="6">Environmental Sensitivity</td></tr>
<tr><td></td><td>a.</td><td>Distance From nearest Lake/ River/ Nala</td><td>S. No</td><td>Name</td><td>Distance (~Km)</td><td>Direction</td></tr>
<tr><td></td><td></td><td></td><td>1</td><td>Chandri/ Dodda Halla</td><td>1.46</td><td>N</td></tr>
<tr><td></td><td></td><td></td><td>2</td><td>Mullahmari R</td><td>10.12</td><td>SSW</td></tr>
<tr><td></td><td></td><td></td><td>3</td><td>Mullahmari Reservoir</td><td>9.08</td><td>SW</td></tr>
<tr><td></td><td></td><td></td><td>4</td><td>Mullahmari Left Bank Canal</td><td>9.30</td><td>S</td></tr>
</table>

			5	Mullahmari Right Bank Canal	10.88	SSW
			6	Mullahmari River	12.21	WSW
	b.	Distance from Protected area notified under wildlife protection act	--			
	c.	Distance from the interstate boundary	--			
	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		**'B2'**			
6	New/ Expansion/ Modification/ Product mix change		New			
7	Plot Area (Sqm)		12006 Sqmt			
8	Built Up area (Sqm)					
9	Component of developments		"Proposed Bulk Drugs & Intermediates, Active Pharmaceutical Ingredients Manufacturing Unit" For proposed project, new buildings plant and machineries will be constructed.			
10	Project cost (Rs. In crores)		Rs. 30 crores			
11	Details of Land Use (Sqm)					
	a.	Ground Coverage Area	5015			
	b.	Kharab Land	--			
	c.	Internal Roads	850			

<table>
<tr><td></td><td>d.</td><td>Paved area</td><td>600</td></tr>
<tr><td></td><td>e.</td><td>Parking</td><td>70</td></tr>
<tr><td></td><td>f.</td><td>Green belt</td><td>4011</td></tr>
<tr><td></td><td>g.</td><td>Others Specify</td><td>1460</td></tr>
<tr><td></td><td>h.</td><td>Total</td><td>12006</td></tr>
<tr><td>12</td><td colspan="2">Products and By-Products with quantity (enclose as Annexure if necessary)</td><td>List of Products are enclosed as Annexure</td></tr>
<tr><td>13</td><td colspan="2">Raw material with quantity and their source (enclose as Annexure if necessary)</td><td>Detailed in feasibility report Annexure 5</td></tr>
<tr><td>14</td><td colspan="2">Mode of transportation of Raw material and storage facility</td><td>Transportation of most of the raw materials will be through closed loop system through pipelines.

This is Active pharmaceuticals ingredients manufacturing process and solvents will be used in the process. A separate storage facility is provided for the storage of solvents and raw materials. Chemicals are handled as per MSDS.

Dedicated Ware house made available for storage of goods and materials.
<table>
<tr><th>S. No</th><th>Description</th><th>Proposed storage Capacity (MT)</th></tr>
<tr><td>1</td><td>Raw materials</td><td>300</td></tr>
<tr><td>2</td><td>Hazardous raw materials</td><td>50</td></tr>
<tr><td>3</td><td>Solvents</td><td>200</td></tr>
<tr><td>4</td><td>Products Storage</td><td>30</td></tr>
</table></td></tr>
<tr><td>15</td><td colspan="2">Transportation and storage facility for coal / Bio-fuel in case of thermal power plant</td><td>Mode of transportation of coal, Briquette & HSD to the project site is by road and Coal & briquette will be stored in separate storage yard & HSD will be stored in storage tanks</td></tr>
<tr><td>16</td><td colspan="2">Fly ash production, storage and disposal details</td><td>Boiler ash 450000 kg/year will be stored in designated area and will sent to authorized brick manufactures</td></tr>
</table>

<table>
<tr><td></td><td>whereas coal is used as fuel</td><td></td></tr>
<tr><td>17</td><td>Complete process flow diagram and technology employed</td><td>Detailed in pre feasibility report & Annexure 4</td></tr>
<tr><td>18</td><td>Details of Plant and Machinery with capacity/ Technology used</td><td>
<table>
<tr><th>Details</th><th>Units</th><th>Proposed</th><th>Source</th></tr>
<tr><td>Back-</td><td>kVA</td><td>1 x 750</td><td>DG Set</td></tr>
<tr><td>Boiler</td><td>TPH</td><td>1 x 6</td><td>Coal/Briquettes</td></tr>
</table>
<table>
<tr><th>Utility</th><th colspan="2">Proposed capacity</th></tr>
<tr><td>Air Compressor</td><td>01 No's</td><td>5-10 Kg/cm^2</td></tr>
<tr><td>Cooling towers</td><td>01 No's</td><td>1 x 300 TR</td></tr>
<tr><td>Boiler</td><td>01 No's</td><td>6 TPH</td></tr>
</table>
</td></tr>
<tr><td>19</td><td>Details of VOC emission and control measures wherever applicable</td><td>
<table>
<tr><th>Source</th><th>Units</th><th>Capacity</th><th>Fuel</th><th>APC Measures</th></tr>
<tr><td>Back-up DG Set</td><td>kVA</td><td>1 x 750</td><td>HSD 90 lts/day</td><td>Adequate stack height 9 m ARL</td></tr>
<tr><td>Boiler</td><td>TPH</td><td>1 x 6</td><td>Coal 18 TPD

Briquettes 20 TPD</td><td>Adequate Stack with height 30 m AGL, Apart from this Cyclone Separators followed by bag filter is also provided.</td></tr>
</table>
<table>
<tr><th>S. No</th><th>Type of Reactors</th><th>Capacity</th><th>No of Scrubbers</th><th>APC measures</th></tr>
<tr><td>1.</td><td>SS Reactors</td><td>5-15KL</td><td>2</td><td>Multi stage scrubbers</td></tr>
<tr><td>2.</td><td>Glass Line Reactors</td><td>2-8KL</td><td>3</td><td>Multi stage scrubbers</td></tr>
</table>
</td></tr>
<tr><td>20</td><td colspan="2">WATER</td></tr>
<tr><td></td><td>I.</td><td>Construction Phase</td></tr>
<tr><td></td><td>a.</td><td>Source of water</td><td>Private tankers</td></tr>
<tr><td></td><td>b.</td><td>Quantity of</td><td>25 KLD</td></tr>
</table>

		water for Construction in KLD		
	c.	Quantity of water for Domestic Purpose in KLD	1.12 KLD	
	d.	Waste water generation in KLD	0.9 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile toilet.	
	II	Operational Phase		
	a.	Source of water	Bore wells & private tankers	
	b.	Total Requirement of Water in KLD	Fresh	51.61 KLD
			Recycled	55.96
			Total	**107.57 KLD**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	42.61 KLD
			Recycled	--
			Total	**42.61 KLD**
	d.	Requirement of water for domestic purpose in KLD	Fresh	9 KLD
			Recycled	--
			Total	**9 KLD**
	e.	Waste water generation in KLD	Industrial effluent	53.14 KLD
			Domestic sewage	8 KLD
			Total	**61.14 KLD**
	f.	ETP/ STP capacity	STP capacity 15 KLD ETP capacity 70 KLD MEE capacity 60 KLD	
	g.	Technology employed for Treatment	The effluent generated from manufacturing plant is segregated into LTDS & HTDS then LTDS effluent from washing and utilities will be treated through biological ETP with capacity of 70KLD followed by UF nd RO Plant. RO permeate will be used for utilities	

<table>
<tr><td></td><td></td><td></td><td>& washing & RO rejects to MEE. Similarly, HTDS effluent from process will be treated through MEE plant with capacity of 60 KLD. MEE rejects will be sent to ATFD and salt will be disposed through TSDF. MEE condensate to ETP.

The domestic sewage will be treated through STP with capacity of 15 KLD. Treated sewage will be reused for Greenbelt development.</td></tr>
<tr><td></td><td>h.</td><td>Scheme of disposal of excess treated water if any</td><td>Treated effluent will be used for utilities & washing and Treated sewage water will be used for green belt. ZLD system will be adopted, There is no effluent discharge on land</td></tr>
<tr><td>21</td><td colspan="2">Infrastructure for Rain water harvesting</td><td>Will be implemented</td></tr>
<tr><td>22</td><td colspan="2">Storm water management plan</td><td>Will be implemented</td></tr>
<tr><td>23</td><td colspan="3">Air Pollution</td><td></td></tr>
<tr><td></td><td>a.</td><td>Sources of Air pollution</td><td>
<table>
<tr><th>Details</th><th>Units</th><th>Proposed</th><th>Source</th></tr>
<tr><td>Back-up</td><td>kVA</td><td>1 x 750</td><td>DG Set</td></tr>
<tr><td>Boiler</td><td>TPH</td><td>1 x 6</td><td>Coal/Briquettes</td></tr>
</table>
And process reactors</td></tr>
<tr><td></td><td>b.</td><td>Composition of Emissions</td><td>--</td></tr>
<tr><td></td><td>c.</td><td>Air pollution control measures proposed and technology employed</td><td>
<table>
<tr><th>Source</th><th>Units</th><th>Capacity</th><th>Fuel</th><th>APC Measures</th></tr>
<tr><td>Back-up DG Set</td><td>KVA</td><td>1 x 750</td><td>HSD 90 lts/day</td><td>Adequate stack height 9 m ARL</td></tr>
<tr><td>Boiler</td><td>TPH</td><td>1 x 6</td><td>Coal 18 TPD
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<tr><td></td><td></td><td></td><td>
<table>
<tr><td>1.</td><td>SS Reactors</td><td>5-15KL</td><td>2</td><td>Multi stage scrubbers</td></tr>
<tr><td>2.</td><td>Glass Line Reactors</td><td>2-8KL</td><td>3</td><td>Multi stage scrubbers</td></tr>
</table>
</td></tr>
<tr><td>24</td><td colspan="2">Noise Pollution</td><td></td></tr>
<tr><td></td><td>a.</td><td>Sources of Noise pollution</td><td>DG set, motors, compressor</td></tr>
<tr><td></td><td>b.</td><td>Expected levels of Noise pollution in dB</td><td>75 dB</td></tr>
<tr><td></td><td>c.</td><td>Noise pollution control measures proposed</td><td>DG set will be installed with inbuilt acoustic enclosures.</td></tr>
<tr><td>25</td><td colspan="2">WASTE MANAGEMENT</td><td></td></tr>
<tr><td></td><td>I.</td><td>Operational Phase</td><td></td></tr>
<tr><td></td><td>a.</td><td>Quantity of Solid waste generated per day and their disposal</td><td>
<table>
<tr><th>S. No</th><th>Waste</th><th>Proposed (Kg/day)</th><th>Method of disposal</th></tr>
<tr><td colspan="4">Operation Phase</td></tr>
<tr><td>1</td><td>Organic</td><td>54</td><td>Municipal local bins</td></tr>
<tr><td>2</td><td>Inorganic</td><td>36</td><td>KSPCB Authorized Recyclers</td></tr>
<tr><td colspan="4">Construction Phase: 25 Kg/day (Disposed through local bins)</td></tr>
</table>
(As per CPHEEO Guidelines -0.45kg/capita/day)
</td></tr>
<tr><td></td><td>b.</td><td>Quantity of Hazardous Waste generation with source and mode of Disposal as per norms</td><td>The list of hazardous waste with their quantity is mentioned in PFR report</td></tr>
<tr><td></td><td>c.</td><td>Quantity of E waste generation with source and mode of</td><td>--</td></tr>
</table>

<table>
<tr><td></td><td></td><td>Disposal as per norms</td><td></td></tr>
<tr><td>26</td><td colspan="2">Risk Assessment and disaster management</td><td>NA</td></tr>
<tr><td>27</td><td colspan="3">POWER</td></tr>
<tr><td rowspan="4"></td><td>a.</td><td>Total Power Requirement in the Operational Phase with source</td><td>Power required - 750 KVA
Source- GESCOM</td></tr>
<tr><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>1 x 750 KVA</td></tr>
<tr><td>c.</td><td>Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,</td><td><table><tr><th>Details</th><th>Units</th><th>Proposed</th><th>Source</th></tr><tr><td>Coal</td><td>TPD</td><td>18</td><td>Local</td></tr><tr><td>Briquette</td><td>TPD</td><td>20</td><td>Local</td></tr><tr><td>HSD</td><td>lts/day</td><td>90</td><td>DG Set</td></tr></table></td></tr>
<tr><td>d.</td><td>Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007</td><td>--</td></tr>
<tr><td>28</td><td colspan="2">PARKING</td><td></td></tr>
<tr><td rowspan="2"></td><td>a.</td><td>Parking Requirement as per norms</td><td>--</td></tr>
<tr><td>b.</td><td>Internal Road width (RoW)</td><td>Approach road width- 7 m
Internal road width - 5 m (min)</td></tr>
<tr><td>29</td><td colspan="2">Any other information</td><td>--</td></tr>
</table>

	specific to the project (Specify)	

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

The Proponent and Environment Consultant attended the 243rd meeting held on 22nd May 2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The committee observed that this proposal is a Greenfield project, the KIADB allotted this land to the present proponent after due process of cancelling the earlier allotment allotted in favor of Dhanalakshmi Paper Industry.

The proponent has not collected any baseline data and he has not made any provision for RWH.

He has not classified the raw materials under hazardous and non hazardous category and has not given the breakup of entire solvents,. Further risk assessment has not been carried out, for which the proponent agreed to submit the same.

As far as CER is concerned the proponent has earmarked Rs 90lakhs and contributing the same to PM care fund in phased manner.

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

1) Solvent recovery analysis data for all the solvents may be carried out and submitted.
2) Material balances for all the products may be submitted.
3) Risk assessment study may be carried out and submitted.
4) Characterization of the raw material based on the toxicity may be submitted.
5) Provision for RWH may be detailed and submitted.

The proponent submitted replies on 15.06.2020. The replies submitted by the proponent were placed before the 246th SEAC meeting held on 30.06.2020 for reconsideration.

The replies submitted by the proponent were perused, after discussion and deliberation committee accepted the replies submitted by the proponent and decided to recommend the proposal to SEIAA for issue of Environmental clearance with the following conditions.

1) Details of volatile organic compounds (VOCs) from the plant operations and occupational safety and health protection measures and proposal for Leak Detection and Repair (LDAR) program as per the CPCB guidelines should be complied.

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

The meeting ended with vote of thanks to all.

Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka