

Proceedings of the 218thSEAC Meeting held on 11th, 12th, & 13th March 2019

11th March 2019

Members present in the meeting

MS SEIAA
19/3/2019

| | | |
|-------------------------------|---|-----------|
| Shri. N. Naganna | - | Chairman |
| Shri. B. Chikkappaiah, IFS(R) | - | Member |
| Dr. N Krishnamurthy | - | Member |
| Dr. M.I. Hussain | - | Member |
| Dr. K.B Umesh | - | Member |
| Shri M. Srinivasa | - | Member |
| Shri G.T Chandrashekarappa | - | Member |
| Dr. Vinod kumar C.S | - | Member |
| Shri Vyshak V. Anand | - | Member |
| Shri. D. Raju | - | Member |
| Shri Venugopal .V | - | Member |
| Shri J.G Kaveriappa | - | Member |
| Shri. VijayaKumar, IFS | - | Secretary |

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 217thSEAC meeting held on 1st & 2nd March 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 217th SEAC meeting held on 1st & 2nd March 2019 and confirmed the same.

The NGT order dated:13-1-2015 pertaining to obtaining EC by all the existing mining lease right holders, and the the Notification issued by MoEF & CC, on 1st July 2016 with respect to the cluster effect of mining leases and the O.M dated:12-12-2018 regarding cluster effect was brought to the notice of the committee.

Fresh Subjects:

- 218.1 Proposed Black Granite (Tiger Black) Quarry Project in Q.L.No.764 at Sy.No.200 of Marchihalli Village, K.R.Nagara Taluk, Mysuru District (0-32 Acres) By Smt. D.Vasantha (SEIAA 13 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | | | |
|----|---|---|--|-----------------|
| 1 | Name & Address of the Project Proponent | Smt. D. Vasantha No. 2112, 3rd Main Road 7th 'A' Cross, Hampinagara, RPC Layout, 2nd Stage Vijayanagara Bengaluru, Karnataka | | |
| 2 | Name & Location of the Project | Black Granite (Tiger Black) Quarry in an extent of 0-32 acres of Govt. Land bearing Sy. No. 200 of Marchihalli Village, of K.R. Nagara Taluk, Mysuru District of Karnataka | | |
| 3 | Co-ordinates of the Project Site | Point | Latitude | Longitude |
| | | A | N 12° 25'53.0" | E 76 ° 26'10.2" |
| | | B | N 12° 25'53.1" | E 76 ° 26'11.9" |
| | | C | N 12° 25'51.3" | E 76 ° 26'11.9" |
| | | D | N 12° 25'50.9" | E 76 ° 26'10.2" |
| 4 | Type of Mineral | Black Granite | | |
| 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 | 0.32 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 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,200 Cum per Annum | | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | -- | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 800 Tons per Annum | | |
| 14 | Project Cost (Rs. In Crores) | 10 Lakhs | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Arabittu SF 9 Km S | |
| | b. | Nearest Human Habitation | Marchihalli - 1 Km | |
| | c. | Educational Institutes, Hospital | -- | |
| | d. | Water Bodies | Cauvery Reservoir : 50 m N Devanahalli Lake : 1.5 Km W Lakshmanathirtha River : 15 Km SW Hussainpura Canal : 5 Km S | |

| | | | | |
|----|--|-----------------------------------|----------------------------------|---------|
| | e. | Other Specify | None | |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 17 | Details of Land Use in Ha. | | | |
| | a. | Area for Mining/ Quarrying | 0.16 | |
| | b. | Waste Dumping Area | -- | |
| | c. | Top Soil Storage Area | -- | |
| | d. | Mineral Storage Area | -- | |
| | e. | Road Area/ Infrastructure Area | -- | |
| | g. | Green Belt Area | 0.163 | |
| | h. | Unexplored area | -- | |
| | i. | Others Specify | -- | |
| 18 | Method of Mining/ Quarrying | | Open cast Semi-Mechanized Method | |
| 19 | Water Requirement | | | |
| | a. | Source of water | Nearby Borewell | |
| | b. | Total Requirement of Water in KLD | Dust Suppuration | 3.6 KLD |
| | | | Domestic | 0.5 KLD |
| | | | Other | 0.5 KLD |
| | | | Total | 4.5 KLD |
| 20 | Storm water management plan | | Will be Undertaken | |

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 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 earlier lease was granted in the year 2006 for a period of 10 years and lease period was further extended for a period of 20 years from year 2006. Hence the lease period is valid upto 2026. The proponent has stated that he could able to start mining only from 2013 onwards because of the court intervention. As far as the submission of certified copy of the EC compliance, the proponent has stated that EC compliance details have already been submitted to the Regional Office, MoEF, Bangalore and the officers have visited the site on 8-3-2019 and inspection report is awaited. The proponent has stated that he has stored the top soil in neighbouring land for which he has entered into an MOU with the owner of that land. As seen from the cluster sketch submitted by the proponent that there are no other leases within 500 meter from the boundary of this lease and also the lease granted for this quarry is before 9-9-2013. Hence there is no cluster effect for this lease.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of following information to the Authority:

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed following general conditions:

1. The Cauvery reservoir is at a distance of 50 meter from the site, suitable measures like retaining wall/garland canal etc shall be taken to prevent any possibility of mining waste joining the water body.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.2 Proposed Ordinary Sand Quarry Project in Nethravathi River Bed - Block No.2 at Adj. Sy.No.67 of Nekkiladi Village, Puttur Taluk & Dakshina Kannada District (17.79 Acres) (7.20 Ha) By Deputy Director - District Sand Monitoring Committee - Dakshina Kannada District (SEIAA 14 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|--|---|------------------|------------------|
| 1 | Name & Address of the Project Proponent | The Deputy Director & The Member Secretary District Sand Monitoring Committee, Dakshina Kannada District Mangalore | | |
| 2 | Name & Location of the Project | Ordinary Sand Block No. 34-Nekkiladi-Block No.-2 in 17.79 acres (7.20 Ha.) in Nethravathi River Bed, Adj. Sy. No. 67 of 34-Nekkiladi Village, Puttur Taluk & Dakshina Kannada District, Karnataka | | |
| 3 | Co-ordinates of the Project Site | Point | Latitude | Longitude |
| | | A | N 12° 50' 15.54" | E 75° 13' 48.0" |
| | | B | N 12° 50' 19.44" | E 75° 14' 17.55" |
| | | C | N 12° 50' 21.88" | E 75° 14' 17.16" |
| 3 | Co-ordinates of the Project Site | D | N 12° 50' 18.09" | E 75° 13' 47.60" |
| | | | | |
| 4 | Type of Mineral | Ordinary Sand Quarry | | |
| 5 | New / Expansion / Modification / Renewal | New | | |
| 6 | Type of Land [Forest, | Government Revenue Land | | |

| | | | |
|----|--|----------------------------------|----------|
| | Government Revenue, Gomal, Private/Patta, Other] | | |
| 7 | Whether the project site fall within ESZ/ESA | NO | |
| 8 | Area in Ha | 7.20 Ha. | |
| 9 | Actual Depth of sand in the lease area in case of River sand | 3.0 | |
| 10 | Depth of Sand proposed to be removed | 0.5 | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 60,000 Tons per Annum | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | -- | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1,920 Tons per Annum | |
| 14 | Project Cost (Rs. In Crores) | 30 Lakhs | |
| 15 | Environmental Sensitivity | | |
| | a. Nearest Forest | | |
| | b. Nearest Human Habitation | Nekkiladi - 500 m | |
| | c. Educational Institutes, Hospital | -- | |
| | d. Water Bodies | | |
| | e. Other Specify | None | |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | | |
| 17 | Details of Land Use in Ha. | | |
| | a. Area for Mining/ Quarrying | 7.2 Ha. | |
| | b. Waste Dumping Area | -- | |
| | c. Top Soil Storage Area | -- | |
| | d. Mineral Storage Area | -- | |
| | e. Road Area/ Infrastructure Area | -- | |
| | g. Green Belt Area | -- | |
| | h. Unexplored area | -- | |
| | i. Others Specify | -- | |
| 18 | Method of Mining/ Quarrying | Open cast Semi-Mechanized Method | |
| 19 | Water Requirement | | |
| | a. Source of water | Nearby Borewell | |
| | b. Total Requirement of Water in KLD | Dust Suppuration | 5.4 KLD |
| | | Domestic | 0.48 KLD |
| | | Other | 0.5 KLD |
| | | Total | 6 KLD |

The proposal was placed before the 215th meeting held on 21st January 2019 for appraisal as per the above furnished information by the proponent.

The Hon'ble NGT order dated: 13-9-2018, 11-12-2018, and OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee and read before the committee. In view of the above orders and OM the various DEAC/DEIAAs are sending the pending files to SEIAA, Karnataka. Hence the Authority directed the SEAC to appraise the proposals accordingly.

The OM dated: 12th December 2018 issued by MoEFF & 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.

This is a sand mining in the Nethravathi river bed. The width of the river is 218 meter. The Length of the sand block is 900 meter and width of the block is 80 meter. The depth of deposits is 3.0 meter. The proponent has proposed the mining to a depth of 0.5 meter every year and in subsequent year he is proposed to take up sand mining after full replenishment.

There is an existing connecting road between river bed and NH-48 to a length of 380 meters which connects stockyard on the government land in between to a distance of 120 meter from the river bank. The proponent has also stated that there are no structures either on the upstreams side or on the downstream side within the safe mandated distance.

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

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 0.5 meter from the top level at any point of time during the lease period.

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 12-12-2018. 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 7.20 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 OM dated:12-12-2018 issued by MoEF & CC, Govt of India and sending recommendation deemed fit based on merit.

The proposal was placed before the 218th meeting held on 11-3-2019. The proponent and Environment consultant attended the meeting to provide required clarification. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies along with public hearing.

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

218.3 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (0-20 Acres) By Sri C. Guruprasad (SEIAA 16 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | Sri. C. Guruprasad, S/o B Chandrakanth, No-629, Rajaji Nagar, 2nd Block, Bengaluru |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 0-20 Acres (0.202 Hectares) in Patta Land at Sy. No. 43 of Chikkanagavalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ^o 36' 23.8" to N 13 ^o 36' 22.9" Longitude: E77 ^o 46' 12.4" to E77 ^o 46' 12.4" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |

| | | |
|----|--|--|
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.202 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 Stone 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 area. |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 25,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 6,580 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.04 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 2.65 Kms(S) |
| | b. Nearest Human Habitation | Chikkanagavalli - 1.40 Kms(SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. |
| | d. Water Bodies | Adegarahalli Lake - 1.20 Kms (S) Jonnulakunte Pond - 2.10 Kms(NW) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 0-07 |
| | b. Waste Dumping Area | 0-01 |
| | c. Top Soil Storage Area | |
| | d. Mineral Storage Area | 0-01 |
| | e. Infrastructure Area | |

| | | | | |
|----|----|---|---|----------|
| | f. | Road Area | 0-01 | |
| | g. | Green Belt Area/Buffer Zone | 0-10 | |
| | 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 | 4.5 KLD |
| | | | Domestic | 1.5 KLD |
| | | | Other | 5.33 KLD |
| | | | Total | 11.33KLD |
| 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 218th meeting held on 11-3-2019 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 observed that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided by the proponent and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.4 Proposed Building Stone Quarry Project at Sy.No.11 of Janalukunte Village, Chikkaballapura Taluk & Chikkaballapura District (7-20 Acres) By M/s. Janapriya RMC Pvt. Ltd. (SEIAA 17 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s Janapriya RMC Pvt. Ltd. Sy.No: 42/8, Minukunte village, Jala Hobli, Yalahanka, Bangalore North Taluk, |

| | | |
|----|--|--|
| | | Karnataka |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 7-20 Acres at Sy No: 11, Jonalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 37' 09.3" Longitude: E 77° 45' 45.0" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 3.03 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 Stone 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 | 4,19,940 tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1,15,649Tons |
| 16 | Project Cost (Rs. In Crores) | 6.34 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.00 Kms(S) |

| | | | | |
|----|--|---|---|-----------|
| | b. | Nearest Human Habitation | Gudibanda - 8.40 Kms(NW) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibanda | |
| | d. | Water Bodies | Kamaganapalli Pond - 3.20 Km (S) Balaganahalli Pond - 3.60 Kms(SE) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | NA | |
| 19 | Details of Land Use in Acre | | | |
| | a. | Area for Mining/ Quarrying | 5.56 | |
| | b. | Waste Dumping Area/ Mineral Storage Area | 0.13+0.13 | |
| | c. | Road Area/ Infrastructure | 0.09+0.05 | |
| | d. | Green Belt Area/Buffer Zone | 1.54 | |
| | e. | Unexplored area | -- | |
| | f. | 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 KLD |
| | | | Domestic | 1.26 KLD |
| | | | Other | 3 KLD |
| | | | Total | 14.26 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 218th meeting held on 11-3-2019 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 granted notified during the year 3-1-2015. The proponent has made out this application to obtain prior EC to complete the other formalities. Earlier the proponent has made out an application to the District authority on 12-9-2016.

The DEAC has taken up for appraisal on 18-4-2017 and recommended for issue of EC. The DEIAA has again sent back the file to DEAC with certain observations and mainly about the cluster effect. Subsequently DEAC has again taken up the appraisal for second time on 4-9-2018 and observed that most of the other quarries are granted prior to the cut-off date 9-9-2013 and excluding those quarries the total area of the mining leases do not exceed the threshold limit of 5 hectares and hence do not fall under the cluster. Subsequently no action has been taken to issue EC from DEIAA. Now proponent has produced cluster certificate issued by DMG wherein it has stated that the lease areas granted after the cutoff date of 9-9-2013 do not exceed 5 Ha and it is actually 7 acres 20 guntas.

In the meantime due to change in policy this proposal has been forwarded to SEIAA. As per the mining plan, area of mining proposed is 5 acres 23 guntas and also it is observed that there is a 16 meter level difference within the mining area. Taking this into consideration the proposed quantity of 2,17,000 cum or 5,78,000 tons can be mined safely and scientifically within the quarry pit depth of less than 10 meter below the lowest level. The proponent has stated that the 5% wastage will be handled by using the same for approach road construction. The proponent has also agreed to develop greenery all along the approach road of 2 KM length.

The committee after considering the above facts and due deliberations opined to recommend the proposal to SEIAA for issue Environment Clearance with the following conditions:

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

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

218.5 Proposed Building Stone Quarry Project in Q.L.No.224 at Sy.No.11 of Jonnalukunte Village, Chikkaballapura Taluk & Chikkaballapura District (4-00 Acres) By M/s. Rock Sand (SEIAA 18 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | M/s. Rock Sand Sy. No. 27, Old N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District. |

| | | |
|----|--|---|
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 4-00 Acres in Govt Revenue Land at Sy. No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 39.2" Longitude: E 77° 45' 29.6" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.61 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 908.00 m from the Existing pit Level |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,78,536.4 tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 28,422.1 Tons |
| 16 | Project Cost (Rs. In Crores) | 1.60 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.15 km (SE) |
| | b. Nearest Human Habitation | Jonnalakunte -0.65 Kms(W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura |
| | d. Water Bodies | MandikalPond-2.75 Kms(SW) |

| | | |
|----|--|---|
| | | PeresandraLake-3.22 Kms(SE) |
| | 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 | 3-05 |
| | b. Waste Dumping Area/ Mineral Storage Area | 0-01 |
| | c. Road Area/ Infrastructure | 0-02 |
| | d. Green Belt Area/ Buffer Zone | 0-32 |
| | e. Unexplored area | -- |
| | f. 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 4.5 KLD |
| | | Domestic 1.5 KLD |
| | | Other 0.8 KLD |
| | | Total 6.8 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 218th meeting held on 11-3-2019 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 an existing quarry and EC for which was issued on 5-5-2015 for a total quantity of 6,42,315 tons for a plan period of five years. Out of which the proponent has stated that he has mined only 27,000 tons during the year 2016-17 as per the audit report, whereas for 2017-18 no audit report has been issued from the DMG. The proponent has stated that the actual pit measurements has been taken as on this date and as per the overall pit measurement, quantity comes to about 40,000 cum or 1,10,000 tons. Taking this into consideration the total quantity proposed to mine for a further

plan period of five years will be overall 13,92,682 tons and net quantity will be 12,82,682 tons. As per the quarry plan there is a level difference of 40 meter within the mining area of 3 acres 5 guntas and taking this into consideration the total quantity that can be mined scientifically and safely will be nearly 80% of the total quantity proposed. The applicant has made out an application to the DEIAA and consequently DEAC has taken up the appraisal on 4-9-2018 and recommended the proposal for issual of EC restricting the quantity to 80% of the proposed quantity. In the meantime due to change in policy the file has been transferred to SEIAA for further needful action.

As far the compliance to the earlier EC is concerned the proponent has stated that he is regularly filing half yearly compliances to the Regional Office, MoEF& CC, and they visited the site on 7-3-2019 but no certification is received.

As regard to the handling of wastage to 5% the proponent has stated that he will utilize the same for constructing the approach road to a length of 2.95 KM. The proponent has also stated that he will develop the greenery on either side of the approach road as this cannot be taken up in the buffer zone since this is a completely exposed rock.

The proponent has also stated that his quarry lease is exempted from cluster effect since the EC for the same was issued earlier before 15-1-2016.

The above facts were discussed and deliberated by the committee and decided to recommend the proposal for issue of Environment clearance subject to condition that the quantity is restricted to 80% and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.6 Proposed Building Stone Quarry Project in Q.L.No.257 at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (3-20 Acres) By M/s. Vexcon Blocks (SEIAA 19 MIN 2019)

| Sl. | PARTICULARS | INFORMATION |
|-----|-------------|-------------|
|-----|-------------|-------------|

| | | |
|----|---|---|
| No | | |
| 1 | Name & Address of the Project Proponent | M/s Vexcon Blocks Partner: Keshavamurthy Harsha Chikkanagavalli Village, Bettahalsoor Post, Bangalore North, Bangalore-562157, Karnataka. |
| 2 | Name & Location of the Project | "Building Stone Quarry" of M/s Vexcon Blocks, Sy No: 43, Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District, Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 28.0" Longitude: E 77° 45' 38.3" |
| 4 | Type of Project | Building Stone Quarry |
| 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 | 1.072 Ha |
| 9 | Geological Reserves in ROM | 17,21,015 Tons |
| 10 | Mineable Reserves in ROM | 11,95,979 Tons |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 3,00,000 tons per annum 5 years |
| 12 | Quantity of Topsoil/Over burden in cubic meter | 1,100 Cu.m of topsoil generated in the site |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 59,799 tons |
| 14 | Project Cost (Rs. In Crores) | 11.78 crores |
| 15 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.45 Kms(S) |
| | b. Nearest Human Habitation | Chikkanagaavalli Village - 0.72 Kms(SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura. |
| | d. Water Bodies | Adegarahalli Pond - 1.18 Kms(S) |
| | e. Other Specify | -- |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | NA |
| 17 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 2-12 |
| | b. Waste Dumping Area | -- |

| | | | | |
|----|-----------------------------|-----------------------------------|--|-----------|
| | c. | Top Soil yard | | |
| | d. | Mineral Storage Area | 0-09 | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area | 0-37 | |
| | h. | Unexplored area | -- | |
| | i. | Others Specify | -- | |
| 18 | Method of Mining/ Quarrying | | Semi Mechanised Method | |
| 19 | Water Requirement | | | |
| | a. | Source of water | Borewell from the village | |
| | b. | Total Requirement of Water in KLD | Dust Suppression | 8.81 KLD |
| | | | Domestic | 1.152 KLD |
| | | | Other | 3.658 KLD |
| | | | Total | 13.62 KLD |
| 20 | Storm water management plan | | Drains will be constructed along the boundary of activity area | |

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 218th meeting held on 11-3-2019 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 an existing quarry and EC for which was issued on 28-8-2015 for a total quantity 3,02,000 tons for a plan period of five years. Out of which the proponent has stated that he has mined only 1,20,000 tons upto March 2018 and proportionately total quantity mined upto March 2019 comes to 1,80,000 tons. However audit report has not been issued from the DMG though site inspection has been done. As per the quarry plan there is a 10 meter level difference within the lease area and taking this into consideration the total quantity that can be mined scientifically and safely for the plan period of five years is 40% of the proposed quantity.

As far the compliance to the earlier EC is concerned the proponent has stated that he is regularly filing half yearly compliances to the Regional Office, MoEF& CC, they visited the site on 7-3-2019 but no certification is received.

As regard to the handling of wastage to 5% the proponent has stated that he will utilize the same for constructing the approach road to a length of 2.70 KM. The proponent has also stated that he will develop the greenery on either side of the approach road as this cannot be taken up in the buffer zone since this is a completely exposed rock.

The proponent has also stated that his quarry lease is exempted from cluster effect since the EC for the same was issued earlier before 15-1-2016. In view of the above the committee after due deliberation and discussion decided to recommend for issue of Environment Clearance with the condition that the quantity is restricted to 40% and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.7 Proposed Building Stone Quarry Project at Sy.No.34 of Pathakote Village, Bagepalli Taluk & Chikkaballapura District (5-20 Acres) By Sri Mohammed Rahim (SEIAA 20 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Sri. Mohammed Rahim, S/o Dastagiri, No-403, 2nd Main, Mathikere, Bangalore. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 5-20 Acres (2.225 Hectares) in Govt Revenue Land at Sy. No. 34 of Pathakote village, Bagepalli Taluk, Chikkabalapur District Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 45' 09.6" Longitude: E 77° 55' 58.0 |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 2.225 Ha |
| 9 | Actual Depth of sand in the lease | NA |

| | | | |
|----|--|----------------------------------|---|
| | area in case of River sand | | |
| 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 Stone 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 | | 2,75,000 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | | There is no topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 14,474 Tons |
| 16 | Project Cost (Rs. In Crores) | | 11.75 crores |
| 17 | Environmental Sensitivity | | |
| | a. | Nearest Forest | Itikaldurga State Forest - 1.10 Kms(SW) Pathpalya State Forest-1.60 km (N) |
| | b. | Nearest Human Habitation | Bagepalli- 14.40 km(W) |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande |
| | d. | Water Bodies | Pathpalya Pond - 0.75 kms (N) Gudipalli Pond - 2.30 Kms(SE) |
| | 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 | 4-08 |
| | b. | Waste Dumping Area | 0-02 |
| | c. | Top Soil Storage Area | 0-06 |
| | d. | Mineral Storage Area | |
| | e. | Infrastructure Area | |
| | f. | Road Area | -- |
| | g. | Green Belt Area/Buffer Zone | 1-02 |
| | 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 | 6.5 KLD |
| | | | Domestic | 3.0 KLD |
| | | | Other | 4.71 KLD |
| | | | Total | 14.21 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 218th meeting held on 11-3-2019 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 quarry lease was notified on 26-7-2018. The proponent has made out an application to DEIAA and consequent to this DEAC has appraised on 27-9-2018 and recommended for issual of EC. Subsequent to change of policy decision the file has been transferred to SEIAA. As per the records it is noticed that the DEAC during its appraisal has taken note of the fact that there are no other lease area within the 500 meter from this lease area and the same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist. Now the Senior Geologist has issued a cluster map according to which there are no other leases within the 500 meter from this quarry lease.

As seen from the quarry map the level difference within the mining area of 4 acres 8 guntas is 10 meters. Taking this factor into consideration the quantity that can be mined safely and scientifically upto a depth of 12 meter from the lowest level will be about 60% of the quantity proposed for mining during the planning period of five years. As regards to handling of waste the proponent has stated that he will utilise the same for formation of approach road to a length of 700 meters and also he has stated that greenery will be developed on either side of the approach road which cannot be taken in the lease area since the entire lease area is rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 60% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.8 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (0-30 Acres) By Sri Y.V.Venkatareddy (SEIAA 21 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | Sri. Y. V. Venkatareddy, S/o Yarappa, Aruru Village & Post Mandikal Hobli, Chikkaballapura, Karnataka |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 0-30 Acres (0.303 Hectares) in Govt Revenue Land at Sy No: 43, Chikkanagavalli Village, Chikkabalapura Taluk, Chikkabalapura District, Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude:N 13° 36' 20.5" Longitude:E 77° 45' 59.5 |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.303 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 | It's a Building Stone Quarry |

| | | | | |
|----|--|-----------------------------------|---|----------|
| | guideline 2016 | | | |
| 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 | | 35,000 Tons/annum | |
| 14 | Quantity of Topsoil/Over burden in cubic meter | | There is no topsoil Available in this area. | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 9,210 Tons | |
| 16 | Project Cost (Rs. In Crores) | | 2.35 crores | |
| 17 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Haristala Reserved Forest - 3.45 KmsS | |
| | b. | Nearest Human Habitation | Chikkanagavalli- 0.70 km(S) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande | |
| | d. | Water Bodies | Adegarahalli Lake - 1.18 Kms (S) Jonulakunte Pond - 1.70 Kms(NW) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 0-17 | |
| | b. | Waste Dumping Area | 0-01 | |
| | c. | Top Soil Storage Area | 0-03 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | -- | |
| | g. | Green Belt Area/Buffer Zone | 0-08 | |
| | 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 | 5.5 KLD |
| | | | Domestic | 2.8 KLD |
| | | | Other | 2.66 KLD |

| | | | |
|----|---|--|-----------|
| | | Total | 10.96 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 218th meeting held on 11-3-2019 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 opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided by the proponent and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.9 Proposed Sand Quarrying Block No.14 in Tungabhadra River Bed at Adjacent to Sy.Nos.48-50, 51, 57, 58 of Bilasanur Village, Harihara Taluk, Davanagere District (12-20 Acres) By Sri Veeresh Y.V. (SEIAA 22 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|---|---|-----------------|------------------|
| 1 | Name & Address of the Project Proponent | Sri. Veeresh, Y.V. Project Proponent S/o. Veerappa, Shamshipura, Belludi, Harihara Taluk, Davanagere Dist., | | |
| 2 | Name & Location of the Project | Bilasanur Village, Harihara Taluk, Davanagere District, Karnataka State. | | |
| 3 | Co-ordinates of the Project Site | Corner Point | Latitude | Longitude |
| | | 1 | N14° 29' 34.3" | E75° 44' 07.2" |
| | | 2 | N14° 29' 37.4" | E75° 44' 04.5" |
| | | 3 | N14° 29' 48.3" | E75° 44' 13.6" |
| 4 | 4 | N14° 29' 45.3" | E75° 44' 16.2" | |
| 4 | Type of Mineral | River Sand. | | |

| | | |
|----|--|--|
| 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 | 4.937 Ha |
| 9 | Actual Depth of sand in the lease area in case of River sand/Patta Land Sand | Depth of Sand in patta land -3.0 m |
| 10 | Depth of Sand proposed to be removed | Depth of Sand proposed- 0.65 m |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 45,404 TPA |
| 12 | Quantity of Topsoil/Overburden in cubic meter | NA |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | Nil |
| 14 | Project Cost (Rs. In Crores) | 50 Lakh |
| 15 | Environmental Sensitivity | |
| | a. Nearest Forest | Open scrub is located at 0.76 km in the NE direction from AQL. |
| | b. Nearest Human Habitation | Bilasanur -0.6 Km North-East |
| | c. Educational Institutes, Hospital | Harihara-8 km |
| | d. Water Bodies | Tungabhadra River |
| | e. Other Specify | Nil |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | NA |
| 17 | Details of Land Use in A-Cents | |
| | a. Area for Mining/ Quarrying | 10.55 |
| | b. Waste Dumping Area | -- |
| | c. Top Soil Storage Area | -- |
| | d. Mineral Storage Area | -- |
| | e. Infrastructure Area | -- |
| | f. Road Area | -- |
| | g. Safety Zone Area | 1.65 |
| | h. Unexplored area | -- |
| | Total | 12.20 Acre(4.937 Ha). |
| 18 | Method of Mining/ Quarrying | Semi Mechanised Quarrying |
| 19 | Water Requirement | |
| | a. Source of water | Near By village Borwell. |

| | | | | |
|----|----|-----------------------------------|------------------|------|
| | b. | Total Requirement of Water in KLD | Dust Suppression | 4.20 |
| | | | Domestic | 0.6 |
| | | | for plantation | 2.50 |
| | | | Total | 7.30 |
| 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 218th meeting held on 11-3-2019 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 the proposal is for carrying out the sand mining in the river bed and as per the quarry plan the length of the block is average 430 meters and width is average 120 meters. The top level of the deposits is 527 meter and average level of the dry weather flow of the river is 526 meters. The depth of mining proposed is 0.60 meter against the depth of deposit is 1.0 meters. Hence the bottom of the mined pit will be about 0.4 meter above dry weather flow. The proponent has proposed the stock yard at a distance of 150 meters. The approach road connecting river bed to stock yard runs through private land and also stockyard proposed is also on the private land for which the proponent has stated that he has entered into an MOU with the land owners.

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

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 0.60 meter from the top level at any point of time during the lease period.

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

218.10 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkaballapura Taluk & Chikkaballapura District (7-00 Acres) By M/s Robo Quarries Private Limited, (SEIAA 23 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | |
|----|--|---|
| 1 | Name & Address of the Project Proponent | M/s Robo Quarries Private Limited, No.31, opp.Vidhyavardhaka Sangha, 1st N Block, Rajajinagar, Bangalore-560010 |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 7-00 Acres at Sy No:11, Jonalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 46.7" Longitude: E 77° 45' 34.9" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 2.83 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 Stone 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 | 4,19,940 tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1,11,575 Tons |
| 16 | Project Cost (Rs. In Crores) | 15.05 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.15 km (SE) |
| | b. Nearest Human Habitation | Gudibanda - 8.80 Kms(NW) |
| | c. Educational Institutes, | The nearest post and telegraph office, |

| | | | |
|----|--|--|-----------|
| | Hospital | hospital, schools, police station is situated in Gudibanda | |
| | d. Water Bodies | Jonalakunte Pond - 1.00 Kms(W) Chokkanahalli Pond - 1.20 Kms(N) Peresandra Pond - 3.30 Kms(SE) | |
| | e. Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | NA | |
| 19 | Details of Land Use in Ha | | |
| | a. Area for Mining/ Quarrying | 1.6075 | |
| | b. Waste Dumping Area/ Mineral Storage Area | 0.04+0.030 | |
| | c. Road Area/ Infrastructure | 0.03+0.02 | |
| | d. Green Belt Area/Buffer Zone | 0.5032 | |
| | e. Unexplored area | 0.6021 | |
| | f. 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 KLD |
| | | Domestic | 1.125 KLD |
| | | Other | 2.99 KLD |
| | | Total | 14.12 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 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 observed from the cluster map prepared by DMG there are 35 quarry leases within the 500 meter from this quarry area. Out of which 28 number of leases were granted either prior to 9-9-2013 or ECs were issued prior to 15-1-2016 which are exempted from cluster

effect and other five quarry leases within 500 meters are on the western side of this lease area. Hence there are six quarry leases which form cluster including the present proposal. The applicant for this proposal stands first as per seniority and hence the total area of the lease being less than 5 hectares, the committee decided to continue with the appraisal only for this proposal and to take up appraisal of other five quarries after the submission of extended cluster map.

This is a fresh lease area notified on 7-1-2015. The proponent has stated that he has made out an application to district authority and subsequently DEAC has taken up appraisal on 18-4-2017 and recommended for issue of EC. Further DEIAA has sent back the file for reappraisal on the four points and mainly it is about cluster effect. The DEAC held second appraisal on 4-9-2018 and recommended for issue of EC. The DEAC also noted that there are other quarries who have been leased after 9-9-2013 within the 500 meter radius from this lease area whose total area is less than threshold limit of 5 Hectares. The lease areas granted prior to 9-9-2013 are not considered for cluster. The same has been certified by the Member Secretary of DEAC who happens to be Senior Geologist.

As per the quarry plan the level difference within the mining area of 4 Acres 20 guntas is 70 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 6 meters.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 3.05 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend to SEIAA for issue Environment Clearance with the following conditions:

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

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

218.11 Proposed Building Stone Quarry Project at Sy.No.11(P) of Jonnalakunte Village, Chikkaballapura Taluk & Chikkaballapura District (4-00 Acres)
ByM/s. Rock Aggregates (SEIAA 24 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | |
|----|--|--|
| 1 | Name & Address of the Project Proponent | M/s. Rock Aggregates, Sy. No. 27, Old N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 4-00 Acres in Govt Revenue Revenue Land at Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 39.7" Longitude: E 77° 45' 21.5" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.618 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 909.10 m from the Existing pit Level |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,00,983 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 20,508 Tons |
| 16 | Project Cost (Rs. In Crores) | 1.58 crores |
| 17 | Environmental Sensitivity | |

| | | | | |
|----|--|---|---|----------|
| | a. | Nearest Forest | Haristala Reserved Forest - 4.15 km (SE) | |
| | b. | Nearest Human Habitation | Jonnalakunte -0.60 Kms(W) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura | |
| | d. | Water Bodies | MandikalPond-2.70 Kms(SW) PeresandraLake-3.20 Kms(SE) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 2-37 | |
| | b. | Waste Dumping Area/ Mineral Storage Area | 0-01 | |
| | c. | Road Area/ Infrastructure | 0-02 | |
| | d. | Green Belt Area/Buffer Zone | 0-01 | |
| | e. | Unexplored area | 1-00 | |
| | f. | 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 | 7.5 KLD |
| | | | Domestic | 1.89 KLD |
| | | | Other | 0.94 KLD |
| | | | Total | 8.45 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 218th meeting held on 11-3-2019 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 operating quarry for which EC was issued on 5-5-2015. Since the EC was issued prior to 15-1-2016 the proponent has claimed that he has been exempted from the cluster effect. The total quantity mined till this date will be approximately 1,72,000 tons. The proponent has made out an application to DEIAA for enhancement of the quantity subsequent to which DEAC during its meeting 4-9-2018 has recommended for issual of EC restricting to the quantity to 80% of the proposed quantity of 10,04,918 tons for plan period and further the file has been referred to SEIAA in view of change in policy.

As per quarry plan the level difference within the mining area of 2 acres 37 guntas is 25 meter taking this factor into consideration the total quantity that can be mined further for the plan period of five years taking into consideration nearly 52,000 cum already mined will be 70% of the proposed quantity.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing the compliance to the Regional office, MoEF, GoI. The officials from Regional office have visited on 7-3-2019 and certified compliance is still awaited.

As regards the management of waste the proponent has stated that he will utilise the waste for formation of approach road to a length of 600 meters and also he has stated that he will take up greenery on either side of the approach road as this cannot be taken in the lease area which is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 70% of the proposed quantity and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.12 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (1-10 Acres) By Sri G.V.Bhanu Prakash (SEIAA 25 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | |
|----|--|---|
| 1 | Name & Address of the Project Proponent | Sri. G. V. Bhanu Prakash, S/o. Y. V. Venkatareddy, Aruru Village & Post, Mandikal Hobli, Chikkaballapura District |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 1-10 Acres (0.505 Hectares) in Patta Land at Sy. No. 43 of Chikkanagavalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13° 36' 36.6" to N 13° 36' 36.0" Longitude: E77° 45' 34.3" to E77° 45' 34.3" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.505 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 Stone 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 | 90,00 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 23,685 Tons |
| 16 | Project Cost (Rs. In Crores) | 4.34 crores |
| 17 | Environmental Sensitivity | |

| | | | | |
|----|--|-----------------------------------|--|-----------|
| | a. | Nearest Forest | Haristala Reserved Forest - 2.60 Kms(S) | |
| | b. | Nearest Human Habitation | Chikkanagavalli - 1.35 Kms(SW) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. | |
| | d. | Water Bodies | Adegarahalli Lake - 1.18 Kms (S) Jonnulakunte Pond - 1.70 Kms(NW) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 0-32 | |
| | b. | Waste Dumping Area | -- | |
| | c. | Top Soil Storage Area | 0-06 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/Buffer Zone | 0-10 | |
| | h. | Unexplored area | -- | |
| | i. | Others Specify | -- | |
| 20 | Method of Mining/ Quarrying | | Smi 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 | 4.5 KLD |
| | | | Domestic | 1.5 KLD |
| | | | Other | 8.98 KLD |
| | | | Total | 14.98 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 218th meeting held on 11-3-2019 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

opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.13 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-20 Acres) By Smt. M. Jyothi Shet (SEIAA 26 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Smt. M. Jyothi Shet, W/o. C. Guruprasad, No-629, Rajaji Nagar, 2nd Block, Bengaluru, Karnataka |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 1-20 Acres (0.606 Hectares) in Govt Revenue Land at Sy. No. 43 of Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 17.4" Longitude: E 77° 45' 59.8" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.606 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 Stone 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 | 1,00,000 Tons/ annum | |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 5,263 Tons | |
| 16 | Project Cost (Rs. In Crores) | 4.64 crores | |
| 17 | Environmental Sensitivity | | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.15 Kms(S) | |
| | b. Nearest Human Habitation | Chikkanagavali Village - 0.80 Kms (S) | |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. | |
| | d. Water Bodies | Kamaganapalli Pond - 2.10 kms (SE) Adegerahalli Pond - 1.20 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 | 0-35 | |
| | b. Waste Dumping Area | 0-02 | |
| | c. Top Soil Storage Area | 0-06 | |
| | d. Mineral Storage Area | | |
| | e. Infrastructure Area | | |
| | f. Road Area | 0-02 | |
| | g. Green Belt Area/Buffer Zone | 0-15 | |
| | h. Unexplored area | -- | |
| | i. Others Specify | -- | |
| 20 | Method of Mining/ Quarrying | Seini 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 | 4.5 KLD |
| | | Domestic | 2.00 KLD |
| | | Other | 3.94 KLD |

| | | | |
|----|---|--|-----------|
| | | Total | 10.44 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 218th meeting held on 11-3-2019 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 opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.14 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-00 Acres) By Sri R. Bhaskar (SEIAA 27 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. R. Bhaskar, S/o G. C. Raju, No. 182, Anjanapura Village and Post, Uttarahalli Hobli, Bangalore. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 1-00 Acres (0.4046 Hectares) in Govt Revenue Land at Sy. No. 43 of Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 13.5" Longitude: E 77° 46' 04.6" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |

| | | |
|----|--|---|
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.4046 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 Stone 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 | 50,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 2,631 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.62 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.45kms (S) |
| | b. Nearest Human Habitation | Gudibande - 9.40 Kms(NW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande |
| | d. Water Bodies | Adegarahalli Lake - 1.18 Kms (S) Jonnulakunte Pond - 1.70 Kms(NW) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 0-20 |
| | b. Waste Dumping Area | 0-02 |
| | c. Top Soil Storage Area | 0-04 |
| | d. Mineral Storage Area | |
| | e. Infrastructure Area | -- |
| | f. Road Area | |
| | g. Green Belt Area/Buffer Zone | 0-14 |

| | | | |
|----|----|---|---|
| | 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 5.5 KLD |
| | | | Domestic 2.5 KLD |
| | | | Other 3.63 KLD |
| | | | Total 11.63 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 218th meeting held on 11-3-2019 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 opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster may be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.15 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District (2-26 Acres) By Sri Mohan M (SEIAA 28 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. Mohan M, No. 212, Mandur Village, Bidarahalli Hobli, Bangalore East, Bangalore-560049 Karnataka. |

| | | |
|----|---|---|
| 2 | Name & Location of the Project | "Building Stone Quarry" of Sri. Mohan M, at Sy No: 11, Jonnalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 46.0" Longitude: E 77° 45' 34.2" |
| 4 | Type of Project | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.072 Ha |
| 9 | Geological Reserves in ROM | 23,68,996 Tons |
| 10 | Mineable Reserves in ROM | 15,41,124 Tons |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,60,000 tons per annum 5 years |
| 12 | Quantity of Topsoil/Over burden in cubic meter | No topsoil Produced as the Area is rocky |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 42,105 tons |
| 14 | Project Cost (Rs. In Crores) | 3.78 crores |
| 15 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.20 Kms(Se) |
| | b. Nearest Human Habitation | Jonnalakunte Village - 0.70 Kms(S) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura. |
| | d. Water Bodies | Jonnalakunte Pond - 0.70 Kms(W) |
| | e. Other Specify | -- |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | NA |
| 17 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 1-27 |
| | b. Waste Dumping Area | -- |
| | c. Top Soil yard | |
| | d. Mineral Storage Area | 0-02 |
| | e. Infrastructure Area | |
| | f. Road Area | 0-02 |
| | g. Green Belt Area | 0-35 |

| | | | |
|----|----|-----------------------------------|--|
| | h. | Unexplored area | -- |
| | i. | Others Specify | -- |
| 18 | | Method of Mining/ Quarrying | Semi Mechanised Method |
| 19 | | Water Requirement | |
| | a. | Source of water | Borewell from the village |
| | b. | Total Requirement of Water in KLD | Dust Suppression 7.56 KLD |
| | | | Domestic 1.152 KLD |
| | | | Other 3.658 KLD |
| | | | Total 12.37 KLD |
| 20 | | Storm water management plan | Drains will be constructed along the boundary of activity area |

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 218th meeting held on 11-3-2019 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 opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster may be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.16 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District (3-00 Acres) By Sri Rafi Ahmed N(SEIAA 29 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. Rafi Ahmed N S/o Nazer Ahmed D.No 133, Anjanapura Village Anjanapura Post, Bangalore-560062. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 3-00 Acres (1.214 Hectares) in Govt Revenue Land at Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka |

| | | |
|----|--|---|
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 46.1" Longitude: E 77° 45' 30.1" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.214 Ha |
| 9 | Actual Depth of sand in the lease area in case of River sand | NA |
| 10 | Depth of Sand proposed to be removed | NA |
| 11 | Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 | It's a Building Stone 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 | 1,80,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 9,474 Tons |
| 16 | Project Cost (Rs. In Crores) | 75.38 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.10 km (SE) |
| | b. Nearest Human Habitation | Gudibande - 9.75 Kms(NW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande |
| | d. Water Bodies | Jonnalakunte Pond - 1.00 kms (NW) Adegerahalli Pond - 1.65 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 | 2-05 | |
| | 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 | 0-30 | |
| | 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 | 5.5 KLD |
| | | | Domestic | 3.0 KLD |
| | | | Other | 4.12 KLD |
| | | | Total | 12.62 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 218th meeting held on 11-3-2019 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 opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

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

218.17 Proposed Building Stone Quarry Project at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (2-20 Acres) (QL No .45) By M/s SLN Enterprises (SEIAA 30 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | M/s SLN Enterprises, Represented by: Sri Madhusudhan Reddy, S/o Late Narayana Reddy, # 321, 1st main, 1st Cross, Pallakkamma Nagar, Chikkajala 2nd Block Chikkajala, Bangalore Karnataka-576101 |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 2-20 Acres at Sy. No. 25(P), Kantarlahalli Village, Gudibande Taluk, Chikkabalapura District, Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 40'15.7" Longitude: E 77° 44'17.0" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Renewal (QL 45) |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.011 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 831MSL |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,01,441 tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric | 26524 Tons |

| | | | |
|----|--|---|-----------|
| | Tons/ CUM)/ Annum | | |
| 16 | Project Cost (Rs. In Crores) | 4.83 crores | |
| 17 | Environmental Sensitivity | | |
| | a. Nearest Forest | Beechaganahally Reserved Forest - 4.43 kms (NE) | |
| | b. Nearest Human Habitation | Gudibanda - 3.85 (SW) | |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Varalakonda | |
| | d. Water Bodies | Gudubanda Lake - 1.2 Kms (SW) | |
| | 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 | 1-27 | |
| | b. Waste Dumping Area/ Mineral Storage Area | 0-03+0-03 | |
| | c. Road Area/ Infrastructure | 0-02 | |
| | d. Green Belt Area/ Buffer Zone | 0-25 | |
| | e. Unexplored area | -- | |
| | f. 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 | 8 KLD |
| | | Domestic | 0.72 KLD |
| | | Other | 3.5 KLD |
| | | Total | 12.22 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 218th meeting held on 11-3-2019 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 the lease for the mining was earlier granted in 2009 for five years and which ended in the year 2014 during this period the proponent has stated that he has mined 2,500 tons and mining activity was taken up before 9-9-2013. The renewal notification for the same was issued on 27-5-2016 and subsequently he has applied for grant of EC to DEIAA on 6-8-2016. The DEAC has taken up appraisal during its meeting dated:18-4-2017 and recommend for issual of EC. The DEIAA during its meeting held on 20-7-2017 sent back the proposal to DEAC to appraise afresh in view of the four queries raised by DEIAA the main issue was about the cluster effect. The DEAC appraised the proposal during its meeting held on 4-9-2018 and re-recommended for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect.The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 1 Acre 27 guntas is 8 meters and taking this into consideration the proposed quantity that can be mined safely and scientifically with a quarry pit of depth of 12 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.18 Proposed Building Stone Quarry Project at Sy.No.178/1(P) of Palli Village, Karkala Taluk & Udupi District (1-00 Acres) By Sri Niranjan Hegde (SEIAA 31 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
| | | |

| | | | | |
|----|--|---|------------------------------|---------------|
| 1 | Name & Address of the Project Proponent | Sri.Niranjan Hegde, Vanadurga Krupa, Manjarbettu Yadthadi post, Karkala Taluk, Udupi Dist, Karnataka. | | |
| 2 | Name & Location of the Project | Palli Building stone quarry. palli Village Karkala Taluk, Udupi District. | | |
| 3 | Co-ordinates of the Project Site | Corner Pillar No. | Latitude | Longitude |
| | | A | N 13°13'54.1" | E 74°53'18.5" |
| | | B | N 13°13'53.0" | E 74°53'14.6" |
| | | C | N 13°13'54.2" | E 74°53'14.5" |
| | | D | N 13°13'55.0" | E 74°53'18.6" |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | New. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Govt Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | No | | |
| 8 | Area in Ha | 0.4 Ha | | |
| 9 | Actual Depth of building stone in the lease area / Patta Land building stone | Depth of building stone in govt land - 15mt(from top level). | | |
| 10 | Depth of building stone proposed to be removed | Depth of building stone proposed-10mt | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 22844 TPA | | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | Waste-1202 TPA | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | Nil | | |
| 14 | Project Cost (Rs. In Crores) | 10 Lakh | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Near Pilarkan Village -5.5km | |
| | b. | Nearest Human Habitation | Palli-2.2km | |
| | c. | Educational Institutes, | Karkala-12km | |

| | | | | |
|----|--|-----------------------------------|------------------------------|-----|
| | | Hospital | | |
| | d. | Water Bodies | Suda Hole-3.3km | |
| | 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 | 0-22 | |
| | b. | Waste Dumping Area | -- | |
| | c. | Top Soil Storage Area | -- | |
| | d. | Mineral Storage Area | -- | |
| | e. | Infrastructure Area | -- | |
| | f. | Road Area | 0-01 | |
| | g. | Green Belt Area | -- | |
| | h. | Others Specify Safety Zone | 0-17 | |
| | | Total | 1.00 Acre (0.40 Ha) | |
| 18 | Method of Mining/ Quarrying | | Semi Mechanised Quarrying | |
| 19 | Water Requirement | | | |
| | a. | Source of water | Near By Agriculture Borwell. | |
| | b. | Total Requirement of Water in KLD | Dust Suppuration | 6.0 |
| | | | Domestic | 0.5 |
| | | | Other | 1.0 |
| | | | Total | 7.5 |
| 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 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 the mining area after leaving 7.5 meter buffer zone all round comes to 23 guntas. The level difference within the mining area is 11 meters. Taking these factors into consideration only 80% of the proposed of 1,14,220 tons for a plan period of five years can be mined scientifically and safely.

The proponent has stated that the approach road to the quarry for a length of 500 meters runs along the existing cart track/mud road and he has stated that after 500

meters it connects to all weather black topped road. The proponent has also stated that there is one more quarry within the 500 meter radius from this quarry and total area of these two quarries is 2 Acres and less than the threshold limit of 5 hectares. Hence this project has been appraised categorizing it under B2 category.

The lease was granted during the year 2006 for ten years. The mining has been commenced during the year 2014-15 only. The quantity mined during the year 2014-15 is 50,000 tons and the proponent has applied for EC and obtained the same during the year march 2015 and continued with mining till date. The proponent has made out an application to DEIAA for enhancement of the quantity on 5-1-2017. The DEAC in its meeting held on 18-4-2017 recommended for issue of EC. But the authority sent back the proposal to DEAC directing it to reappraise in view of the Notification issued about the cluster effect. The DEAC during its meeting on 4-9-2018 considering the points raised by DEIAA has recommended for issue of EC stating that this lease area has not been mandated to consider for the cluster effect since the same has been granted prior to 9-9-2013. The same has been certified by the Member Secretary of DEAC who happens to be Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing compliance reports and MoEF& CC, GoI, Regional officer visited on 7-3-2019 and certified copy is yet to be received.

The proponent has also stated that there is a combined boundary on three sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As per the quarry plan the level difference within the mining area of 5 Acre 18 guntas is 30 meters and taking this into consideration the proposed quantity can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2.4 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA for issue Environment Clearance subject to submission of the following information to the authority

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed 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.

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

218.19 Proposed Building Stone Quarry Project at Sy.No.11(P) of Janalukunte Village, Chikkaballapura Taluk & District (3-20 Acres) (QL. No.703) By M/s. Pyramid Granites (SEIAA 32 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s. Pyramid Granites. Sri. Bhawarlal Vejraj Bohra, Managing Partner, No. 612, Kalash, 10th C Main Road, Next Universal Academy, Jayanagar, Bangalore-11 |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 6-00 Acres (2.42 Hectares) in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ⁰ 36' 38.7" Longitude: E77 ⁰ 45' 56.1" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Renewal(QL No.703) |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue 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 | It's a Building Stone Quarry |

| | | |
|----|--|---|
| | the sustainable sand mining guideline 2016 | |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 925.15m Existing Pit Level. |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,88,325 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | 21,800 cubic meter |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 75,875 Tons |
| 16 | Project Cost (Rs. In Crores) | 11.01 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.90 Kms(S) |
| | b. Nearest Human Habitation | Janalukunte Village - 0.80 Kms (W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. |
| | d. Water Bodies | Adegarahalli Pond - 1.80 Km (S) Avalanagehalli Pond - 3.20 Kms(S) Balaganahalli Pond - 4.00 Kms(SE) |
| | 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 | 5-18 |
| | b. Waste Dumping Area | 0-03 |
| | c. Top Soil Storage Area | -- |
| | d. Mineral Storage Area | 0-03 |
| | e. Infrastructure Area | -- |
| | f. Road Area | 0-04 |
| | g. Green Belt Area/Buffer Zone | 0-12 |
| | 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 6.5 KLD |

| | | | |
|----|---|--|-----------|
| | | Domestic | 2.15 KLD |
| | | Other | 5.06 KLD |
| | | Total | 13.71 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.

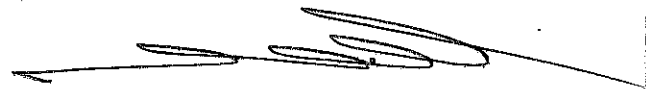
The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

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 the lease for the same was granted during the year 2006 for ten years. The mining has been commenced during the year 2014-15 only. The quantity mined during the year 2014-15 is 50,000 tons and the proponent has applied for EC and obtained the same during the year march 2015 and continued with mining till date. The proponent has made out an application to DEIAA for enhancement of the quantity on 5-1-2017. The DEAC in its meeting held on 18-4-2017 recommended for issue of EC. But the authority sent back the proposal to DEAC directing it to reappraise in view of the Notification issued about the cluster effect. The DEAC during its meeting on 4-9-2018 considering the points raised by DEIAA has recommended for issue of EC stating that this lease area has not been mandated to consider for the cluster effect since the same has been granted prior to 9-9-2013. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing compliance reports and MoEF& CC, GoI, Regional officer on 7-3-2019 and certified copy is yet to be received.

The proponent has also stated that there is a combined boundary on three sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As per the quarry plan the level difference within the mining is 30 meters and taking this into consideration the proposed quantity can be mined safely and scientifically.



As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2.4 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities mined.
- 2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.20 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.46 at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (5-00 Acres) By M/s. S.L.N. Enterprises (SEIAA 33 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | M/s. S.L.N. Enterprises, Madhusudhan Reddy (Managing Partner). No.321. 1st Main. 1st Cross, Pallakkammanagara,2nd Block.Chikkajaala, Bengaluru North. |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 5-00 Acres at Sy. No. 25(P), Kantarlahalli Village, Gudibande Taluk, Chikkabalapura District, Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 40'20.6" Longitude:E 77° 44'30.1" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Renewal (QL 46) |

| | | |
|----|--|---|
| 6. | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.011 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 817.5MSL |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,65,838 tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 69955 Tons |
| 16 | Project Cost (Rs. In Crores) | 3.77 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Beechaganahally Reserved Forest - 4.00 kms (NE) |
| | b. Nearest Human Habitation | Gudibanda - 3.3 (W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Varalakonda |
| | d. Water Bodies | Gudubanda Lake - 1.6 Kms (SW) |
| | 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 | 3-30 |
| | b. Waste Dumping Area/ Mineral Storage Area | 0-05+0-05 |
| | c. Road Area/ Infrastructure | 0-04 |

| | | | | |
|----|----|---|---|-----------|
| | d. | Green Belt Area/Buffer Zone | 0-36 | |
| | e. | Unexplored area | -- | |
| | f. | 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 | 8 KLD |
| | | | Domestic | 1.125 KLD |
| | | | Other | 3.995 KLD |
| | | | Total | 13.12 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 218th meeting held on 11-3-2019 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 Initial lease was granted during the year 2009 and it was valid upto 2014. The renewal application was made out in the year 2014 and renewal notification was issued on 27-5-2016 and is valid upto 2029. The mining was carried out between the year 2011-2013 and total quantity mined was 3,500 tons. The mining has not been started since then till this date. The proponent has made out an application for issue of EC on 6-8-2016 to DEIAA. The DEAC committee has appraised the projects during its meeting 18-4-2017 and recommended for issue of EC. The DEIAA during its meeting on 20-7-2017 sent back the file to DEAC to reappraise in the light of NGT order issued regarding cluster effect. The DEAC during its meeting on 4-9-2018 recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 3 Acre 30 guntas is 6 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 15 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.21 Proposed Building Stone (M-Sand) Quarry Project in Government Revenue Land - Q.L.No.701 at Sy.No.11(P) of Jonnalakunte Village, Chikkaballapura Taluk & Chikkaballapura District (3-20 Acres) By M/s. Paramount Minerals (SEIAA 34 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s. Paramount Minerals. Sri. Bhawarlal Vejraj Bohra, Managing Partner, No. 612, Kalash, 10th C Main Road, Next Universal Academy, Jayanagar, Bangalore-11. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 3-20 Acres in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ⁰ 36' 41.7" Longitude: E77 ⁰ 45' 48.5" |
| 4 | Type of Mineral | Building Stone Quarry |

| | | |
|----|--|--|
| 5 | New. /- Expansion / Modification / Renewal | Renewal(QL No.701) |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.416 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposals other than river sand | 925.4 m Existing Pit Level. |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,00,700 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | 11,100 cubic meter |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 26,500 Tons |
| 16 | Project Cost (Rs. In Crores) | 5.69 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.92 Kms(S) |
| | b. Nearest Human Habitation | Janalukunte Village - 0.75 Kms (W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. |
| | d. Water Bodies | Mandikal Pond - 3.50 Kms(W) Balaganahalli Pond - 3.70 Kms(SE) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 2-30 |
| | b. Waste Dumping Area | 0-03 |

| | | | | |
|----|----|---|---|-----------|
| | c. | Top Soil Storage Area | -- | |
| | d. | Mineral Storage Area | 0-03 | |
| | e. | Infrastructure Area | -- | |
| | f. | Road Area | 0-03 | |
| | g. | Green Belt Area/Buffer Zone | 0-21 | |
| | 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 | 7.5 KLD |
| | | | Domestic | 2.15 KLD |
| | | | Other | 3.79 KLD |
| | | | Total | 13.44 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 218th meeting held on 11-3-2019 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 the lease was granted on 5-1-2006 and lease was expired on 2016. The mining was carried out between 2012 to 2015 and mining was discontinued from April 2015. The proponent has made out an application for issue of EC to SEIAA on 12-2-2015 and considering this as a cluster, SEAC has appraised for issue of ToR and recommended accordingly. As per the MoEF Notification dated:1-7-2016 exempting the quarry leases leased prior to 9-9-2013 from inclusion in the cluster the proponent has made out an application to DEIAA for issue of EC considering this as an individual proposal rather than as a cluster proposal. The DEAC during its meeting held on 18-4-2017 has recommended for issue of EC and DEIAA in its meeting held on 20-7-2017 has referred back the file directing the DEAC to reappraise in the light of the NGT order issued pertaining to cluster effect. The DEAC during its meeting on 4-9-2018 has appraised and recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect. The same has been certified by the Member Secretary of

DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the quantity mined already is about 2,20,000 cum and the proposed quantity for the plan period of five years is another 2,00,000 cum. The area of the mining is 2 Acres 30 guntas. The level difference within the mining area is 45 meters, taking this into consideration the total quantity that can be mined safely and scientifically to a depth of 12 meter below the lowest level will be 80% of the proposed quantity. The proponent has also stated that there is a combined boundary on two sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 80% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.22 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.11(P) of Janalukunte village, Chikkaballapura Taluk & Chikkaballapura District (5-00 Acres) (Q.L.No.702) By M/s. Y. S. Minerals (SEIAA 35 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Sri. Bhawarlal Vejraj Bohra Managing Partner M/s. Y S Minerals No. 612, Kalash, 10th C Main road, Next to Universal Academy, 4th Block, Jayanagar, Bengaluru - 11. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 5-00 Acres in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ^o 36' 39.0" Longitude: E77 ^o 45' 48.3" |

| | | |
|----|--|--|
| 4 | Type of Mineral | Building Stone Quarry. |
| 5 | New / Expansion / Modification / Renewal | Renewal(QL No.702) . . |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 2.023 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 Stone 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 | 2,28,475 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | 12,100 cubic meter |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 60,125 Tons |
| 16 | Project Cost (Rs. In Crores) | 9.08 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.80 Kms(S) |
| | b. Nearest Human Habitation | Janalukunte Village - 0.75 Kms (W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. |
| | d. Water Bodies | Kamaganapalli Pond - 2.7 Km (SE) Mandikal Pond - 3.70 Kms(W) Balaganahalli Pond - 3.50 Kms(SE) |
| | 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 | 4-07 | |
| | b. | Waste Dumping Area | 0-03 | |
| | c. | Top Soil Storage Area | -- | |
| | d. | Mineral Storage Area | 0-03 | |
| | e. | Infrastructure Area | -- | |
| | f. | Road Area | 0-03 | |
| | g. | Green Belt Area/Buffer Zone | 0-24 | |
| | 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 | 7.5 KLD |
| | | | Domestic | 1.58 KLD |
| | | | Other | 3.5 KLD |
| | | | Total | 13.58 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 218th meeting held on 11-3-2019 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 the lease was granted on 5-1-2006 and lease was expired on 2016. The mining has not been carried out till date. The proponent has made out an application for issue of EC to SEIAA on 29-10-2014 and considering this as a cluster, SEAC has appraised for issue of ToR and recommended accordingly. As per the MoEF Notification dated:1-7-2016 exempting the quarry leases leased prior to 9-9-2013 from inclusion in the cluster, the proponent has made out an application to DEIAA for issue of EC considering this as an individual proposal rather than as a cluster proposal. The DEAC during its meeting held on 18-4-2017 has recommended for issue of EC and DEIAA in its meeting held on 20-7-2017 has referred back the file directing the DEAC to

reappraise in the light of the NGT order issued pertaining to cluster effect. The DEAC during its meeting on 4-9-2018 has appraised and recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013 it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the area of mining is 4 Acres 7 guntas and the level difference within the mining area is 36 meters and taking this into consideration the total quantity proposed can be mined safely and scientifically. The proponent has also stated that there is a combined boundary on one side of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2500 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of Quarry audit report indicating the quantities already mined may be furnished.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.23 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk & Chikkaballapura District (5-00 Acres) By M/s Sri Sai Enterprises (SEIAA 36 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s Sri. Sai Enterprises, No.152-F Bhavani Nivas, 4th Main road, Bikasipura, ISRO Layout, Bangalore-560 061 |

| | | |
|----|--|--|
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 5-00 Acres in Government Land at Sy. No. 39 of Kanivenarayanapura Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ⁰ 24' 28.6" Longitude: E77 ⁰ 40' 19.2" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing (QL No .190) |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 2.023 Ha |
| 9 | Actual Depth of sand in the lease area in case of Rivèr 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 1034.17 m Existing Pit Level. |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,64,636 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | Topsoil is not available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 27,003 Tons |
| 16 | Project Cost (Rs. In Crores) | 5.11 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Narsimhadevarabetta Reserved Forest - 0.600 Kms(NW) |
| | b. Nearest Human Habitation | Kanivenarayanapura-0.60 Kms (S) |
| | c. Educational Institutes, | The nearest post and telegraph office, hospital, |

| | | | |
|----|--|---|-----------|
| | Hospital | schools, police station is situated in Chikkaballapura. | |
| | d. Water Bodies | Chigatenahalli Pond -1.70 Kms | |
| | 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 | 4-00 | |
| | b. Waste Dumping Area | 0-01 | |
| | c. Top Soil Storage Area | -- | |
| | d. Mineral Storage Area | -- | |
| | e. Infrastructure Area | 0-01 | |
| | f. Road Area | 0-04 | |
| | g. Green Belt Area/Buffer Zone | 0-34 | |
| | 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 | 7.5 KLD |
| | | Domestic | 2.15 KLD |
| | | Other | 3.41 KLD |
| | | Total | 13.03 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 218th meeting held on 11-3-2019 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 the lease for this proposal was granted earlier in 2011 and is valid upto 2021. The proponent has stated that he has carried out mining upto June 2015 i.e., within the mandated time period given to obtain EC for all the minor minerals as per Hon'ble NGT order and he has not carried out any mining after this mandated period and the

same has been certified by the DMG. The proponent has made out an application for issue of EC to the DEIAA and DEAC was appraised on 4-9-2018 and recommended for issue of EC subject to final outcome of the proposal sent to Govt for declaration of eco-sensitive zone from district administration. In the meantime, DCF, Chikkaballapur Division has certified in his letter dated: 4-1-2019 that this lease area is 100 meters from Nandi Giridhama and recommended that the lessee M/s. Sri Sai Enterprises may be permitted to take up mining subject to the decision to be taken up by the Govt. regarding declaring the sensitive zone and any future judgements from the Hon'ble NGT/Hon'ble supreme court. Due to the change in the policy now this proposal has been transferred to SEIAA.

As per the quarry plan the area of mining is 4 Acres and the level difference within the mining area is 14 meters taking this into consideration the total quantity that can be mined safely and scientifically will be 60% of the proposed quantity.

As regard the handling of 2% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 600 meters and he has also stated that he will take up greenery in the buffer zone within the lease area since there is an average 0.5 meter depth of top soil

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 60% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.24 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.991 at Sy.No.25 of Bennahalli Village, Ramangar Taluk, Ramanagara District (4-00 Acres) By M/s. Manjunatha Stone Crushers(SEIAA 37 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s Manjunatha Stone Crusher #62, 19th Cross, K R Layout J P Nagar 6th Stage, Bengaluru - 560 078 |

| | | | | |
|----|---|--|--|---------------|
| 2 | Name & Location of the Project | Building Stone Quarry of- M/s Manjunatha Stone Crusher Extent of 4-00 acre Sy. No -25, Bennahalli Village, Ramanagar Taluk and District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°42'58.6" | E 77°22'16.7" |
| | | Boundary point-B | N 12°42'51.2" | E 77°22'18.0" |
| | | Boundary point-C | N 12°42'50.9" | E 77°22'15.7" |
| | | Boundary point-D | N 12°42'58.1" | E 77°22'14.5" |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 4-00 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Million Tonnes | |
| | | 1st | 1,95,177 | |
| | | 2nd | 1,72,818 | |
| | | 3rd | 1,38,229 | |
| | | 4th | 1,36,700 | |
| | | 5th | 1,03,704 | |
| | | Total | 7,46,628 | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 3983 tons/annum | | |

| | | | | | |
|----|--|--|---|---------------|--------------|
| 14 | Project Cost (Rs) | 25 lakhs. | | | |
| 15 | Environmental Sensitivity | | | | |
| | a. | Nearest Forest | | | |
| | b. | Nearest Human Habitation | Bennahalli 2.1km from the proposed lease area. | | |
| | c. | Educational Institutes, Hospital | Ramanagara 9.3 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 | | | | |
| | | Sl. No. | Particulars | Area in Acres | Area in Gunt |
| | | 1 | Quarry workings | 2.40 | 96 |
| | | 2 | Waste dump yard | 0.10 | 4 |
| | | 3 | Roads | 0.05 | 2 |
| | | 4 | Mineral storage | 0.20 | 8 |
| | | 5 | Buffer zone | 1.15 | 46 |
| | | 6 | Top soil storage | 0.05 | 2 |
| | | 7 | Infrastructure | 0.05 | 2 |
| | | Total | | 4.00 | 160 |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 5.0 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 | 2.0 | |
| | | | Other | 1.5 | |
| | | | Total | 2.0 | |

| | | |
|----|-----------------------------|---|
| 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 218th meeting held on 11-3-2019 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 as per the proponent's statement, the Bennahalli village of Ramanagartaluk wherein this quarry is located is situated at the distance of 16.9 KM from Bannerghatta National Park, 7 KM from Ramdevarabetta and 32.6 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 and it is periodically been extended and is valid upto 2022. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 10 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 25 meters and taking this factor into consideration the quantity that can be mined scientifically and safely with a quarry pit depth of 12 meters will be 75% of the proposed quantity.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.25 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.992 at Sy.No.25 of Bennahalli Village, Ramangar Taluk, Ramanagara District (2-00 Acres) By M/s. Manjunatha Stone Crushers (SEIAA 38 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|---|--|---------------|---------------|
| 1 | Name & Address of the Project Proponent | M/s Manjunatha Stone Crusher #62, 19th Cross, K R Layout J P Nagar 6th Stage, Bengaluru - 560 078 | | |
| 2 | Name & Location of the Project | Building Stone Quarry of- M/s Manjunatha Stone Crusher Extent of 2-00 acre Sy. No -25, Bennahalli Village, Ramanagar Taluk and District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°43'2.3" | E 77°22'18.0" |
| | | Boundary point-B | N 12°42'59.1" | E 77°22'18.5" |
| | | Boundary point-C | N 12°42'58.5" | E 77°22'16.0" |
| | | Boundary point-D | N 12°43'1.8" | E 77°22'15.4" |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 2-00 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be | - | | |

| | | | |
|----|--|--|---|
| | removed | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes |
| | | 1st | 89,340 |
| | | 2nd | 89,340 |
| | | 3rd | 89,340 |
| | | 4th | 89,340 |
| | | 5th | 89,340 |
| | | Total | 4,46,700 |
| 12 | Quantity of Topsoil/Overburden in cubic meter | - | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1823 tons/ annum | |
| 14 | Project Cost (Rs) | 15 lakhs. | |
| 15 | Environmental Sensitivity | | |
| | a. | Nearest Forest | |
| | b. | Nearest Human Habitation | Bennahalli 2.3km from the proposed lease area. |
| | c. | Educational Institutes, Hospital | Ramanagara 9.0 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 | | |
| | Sl. No. | Particulars | Area in Acres |
| | 1 | Quarry workings | 1.10 |
| | 2 | Waste dump yard | 0.05 |
| | 3 | Roads | 0.05 |
| | 4 | Mineral storage | 0.10 |
| | 5 | Buffer zone | 0.60 |
| | 6 | Top soil storage | 0.05 |
| | 7 | Infrastructure | 0.05 |
| | | Total | 2.00 |
| | | Area in Guntas | 80 |
| 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 | As no surface water sources are available in the Quarry lease area. |

| | | | | |
|----|----|-----------------------------------|--|------------|
| | | water | Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 1.5 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 | 1.5 |
| | | | Other | 1.5 |
| | | | Total | 4.5 |
| 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 218th meeting held on 11-3-2019 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 as per the proponent's statement the Bennahalli village of Ramanagar taluk wherein this quarry is located is situated at the distance of 16.9 KM from Bannerghatta National Park, 7 KM from Ramdevarabetta and 32.6 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 and it is periodically been extended and is valid upto 2022. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 11 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2007 when the EC was not mandated and after 2007 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 20 meters and taking this factor into consideration the quantity that can be mined scientifically and safely with a quarry pit depth of 12 meters will be 60% of the proposed quantity.



The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 60% of the proposed quantity, subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.26 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.980 at Sy.No.25 of Annahalli Village, Ramangar Taluk, Ramanagara District (1-00 Acre) By Sri R.D. Manjunatha (SEIAA 39 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|------------------|---|---|--------------|--------------|
| 1 | Name & Address of the Project Proponent | Sri R D Manjunath Ragihalli, JiganiHobli AnekalTaluk, Bengaluru | | |
| 2 | Name & Location of the Project | Building stone quarry of Sri R D Manjunath Sy. No-28, Annahalli Village, RamanagaraTaluk and District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°42.355' | E 77°22.757' |
| | | Boundary point-B | N 12°42.328' | E 77°22.752' |
| | | Boundary point-C | N 12°42.336' | E 77°22.708' |
| Boundary point-D | N 12°42.361' | E 77°22.713' | | |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |

| | | | | |
|----|--|----------------------------------|--|---------------|
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 1-00 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Million Tonnes | |
| | | 1st (2018-19) | 25,110 | |
| | | 2nd (2019-20) | 23,964 | |
| | | 3rd (2020-21) | 20,854 | |
| | | Total | 69,928 | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 255 tons/annum | | |
| 14 | Project Cost (Rs) | 10lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| 16 | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Bennahalli 1.0km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Ramanagara 10.3 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 acres | | | |
| | | Sl. No. | Particulars | Area in Acres |
| | | 1 | Quarry workings | 0-23 |
| | | 2 | Waste dumps/Mineral storage | 0-01 |
| | 3 | Roads/Infrastructure | 0-01 | |

| | | | | | |
|----|--------------------------------|---|--|------|--|
| | | 4 | Proposed buffer zone | 0-15 | |
| | | Total | | 1-00 | |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 2.5 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 | 1.0 | |
| | | | Domestic | 1.0 | |
| | | | Other | 0.5 | |
| | | | Total | 2.5 | |
| 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 218th meeting held on 11-3-2019 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 as per the proponent statement the Annahalli village of Ramanagartaluk wherein this quarry is located is situated at the distance of 16.1 KM from Bannerghatta National Park, 8.1 KM from Ramdevarabetta and 31.8 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2001 for five years. Now the proponent has stated that he made out an application for extension of lease on 30-10-2006 and it is still in process.

Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing number of quarry leases including this within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2001 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 10 meters and taking this factor into consideration the proposed quantity can be mined scientifically and safely with a quarry pit depth of 6 meters.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity, subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.
 218.27 Proposed Building Stone Quarry Project at Sy. No. 11 of Janalukunte village, Chikkaballapura Taluk & District (7-15 Acres) By Sri Rafi Ahmed N (SEIAA 40 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. Rafi Ahmed N S/o Nazer Ahmed D.No 133, Anjanapura Village Anjanapura Post, Bangalore-560062. |
| 2 | Name & Location of the Project | Over an extent of 7-15 Acres under (Government Revenue Land) Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 46.1" Longitude: E 77° 45' 30.1" |
| 4 | Type of Mineral | Building Stone Quarry |

| | | |
|----|--|---|
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 2.984 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 Stone 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 | 6,00,000 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1,57,895 Tons |
| 16 | Project Cost (Rs. In Crores) | 21.84 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.30 km (SE) |
| | b. Nearest Human Habitation | Gudibande - 8.30 Kms(NW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande |
| | d. Water Bodies | Jonnalakunte Pond - 0.90 kms (NW) Adegerahalli Pond - 1.60 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 | 5-20 |
| | b. Waste Dumping Area | -- |

| | | | | |
|----|---|-----------------------------------|---|-----------|
| | c. | Top Soil Storage Area | | |
| | d. | Mineral Storage Area | 0-06 | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/ Buffer Zone | 1-25 | |
| | 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 | 10.2 KLD |
| | | | Domestic | 2.6 KLD |
| | | | Other | 16.92 KLD |
| | | | Total | 15.25 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 was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

218.28 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-00 Acres) By Sri M. N. Manjunath(SEIAA 41 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. M. N. Manjunath, LRS of Lt. Nadapi Venkatarayappa, Muddalahalli Village, Mandikal Hobli, Chikkaballapura Taluk & District, |

| | | |
|----|--|--|
| | | Karnataka. |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 1-00 Acres in Government Land at Sy. No. 43(P) of Chikkanagavalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13° 36' 32.3" Longitude: E77° 45' 31.4" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 0.404 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 Stone 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 | 60,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | 8,00 cubic meter |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 15,790 Tons |
| 16 | Project Cost (Rs. In Crores) | 3.22 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.80 Kms(S) |

| | | | | |
|----|--|-----------------------------------|--|-----------|
| | b. | Nearest Human Habitation | Chikkanagavali Village - 0.80 Kms (S) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. | |
| | d. | Water Bodies | Adegarahalli Lake - 1.20 Kms (S) Jonnulakunte Pond - 1.40 Kms(NW) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 0-18 | |
| | b. | Waste Dumping Area | 0-02 | |
| | c. | Top Soil Storage Area | 0-04 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/Buffer Zone | 0-14 | |
| | 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 | 7.5 KLD |
| | | | Domestic | 2.15 KLD |
| | | | Other | 2.07 KLD |
| | | | Total | 11.72 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 was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

218.29 Proposed Pink Granite Quarry Project at Sy.No.42 of Mandikal Village, Chikkaballapura Taluk & District (4-08 Acres) By Sri A Hemanth kumar (SEIAA 42 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | Sri. A Hemanth kumar, S/o. Ashwathappa, No. 482, 11th Cross, Sadashivanagar, Bangalore, Karnataka |
| 2 | Name & Location of the Project | Pink Granite Quarry over an extent 4-08 Acres in Government Land at Sy. No. 42 of Mandikal Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13 ^o 37' 02.5" Longitude: E77 ^o 42' 12.28" |
| 4 | Type of Mineral | Pink Granite Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Kharab Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.699 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 Pink Granite 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 | 12,000 Cu.m/annum |

| | | | |
|----|--|--|-----------|
| | (Metric Tons/ CUM) / Annum | | |
| 14 | Quantity of Topsoil/Over burden in cubic meter | 7,200 cu.m | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 60,000 Cu.m | |
| 16 | Project Cost (Rs. In Crores) | 1.20 crores | |
| 17 | Environmental Sensitivity | | |
| | a. Nearest Forest | Narasimha Devarabetta Reserved Forest - 2.70 Kms(SW) | |
| | b. Nearest Human Habitation | Mandikal - 3.2 Km (SE) | |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. | |
| | d. Water Bodies | Bachchenahalli Pond - 1.59 Km (SE) Mandikal Pond - 3.6 Kms (SE) | |
| | 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 | 1-30 | |
| | b. Waste Dumping Area | 0-19 | |
| | c. Top Soil Storage Area | 0-03 | |
| | d. Mineral Storage Area | | |
| | e. Infrastructure Area | | |
| | f. Road Area | 0-02 | |
| | g. Green Belt Area/Buffer Zone | 1-34 | |
| | 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 | 8.5 KLD |
| | | Domestic | 2.85 KLD |
| | | Other | 6.45 KLD |
| | | Total | 17.81 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 218th meeting held on 11-3-2019 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 as stated by the proponent, the level difference within the mining area is 58 meters and there is no top soil and he has also stated the recovery is 50%. Based on this the recovery of 60,000 cum over a plan period of five years the wastages will be 60,000 cum. The proponent has stated that he has earmarked 19 guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 750 meters which runs in the govt land for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter area from this lease and according to which there are two leases including this lease and the total area of these leases is 7 acres 23 guntas which is less than the threshold limit of 5 Ha.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity 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.

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

218.30 Proposed Building Stone Quarry Project at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (2-20 Acres) (QL No 44) By M/s. S.L.N. Enterprises (SEIAA 43 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | M/s. S.L.N. Enterprises, Sri N Ravindra Reddy (Managing Partner). No.321, 1st Main, 1st Cross, |

| | | |
|----|--|--|
| | | Pallakkammanagara, 2nd Block, Chikkajaala, Bengaluru North. |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 2-00 Acres at Sy. No. 25(P), Kantarlahalli Village, Gudibande Taluk, Chikkabalapura District, Karnataka. |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 40'17.3" Longitude: E 77° 44'27.1" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Renewal (QL 44) |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.011 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 831.92 MSL |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,01,721tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 26770 Tons |
| 16 | Project Cost (Rs. In Crores) | 3.77 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Beechaganahally Reserved Forest - 4.15 kms |

| | | |
|----|--|--|
| | | (NE) |
| | b. | Nearest Human Habitation Gudibanda - 3.20 (W) |
| | c. | Educational Institutes, Hospital The nearest post and telegraph office, hospital, schools, police station is situated in Varalakonda |
| | d. | Water Bodies Gudubanda Lake - 1.45 Kms (SW) |
| | 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 1-24 |
| | b. | Waste Dumping Area/ Mineral Storage Area 0-03+0-03 |
| | c. | Road Area/ Infrastructure 0-06 |
| | d. | Green Belt Area/Buffer Zone 0-24 |
| | e. | Unexplored area -- |
| | f. | 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 8 KLD |
| | | Domestic 0.72 KLD |
| | | Other 3.5 KLD |
| | Total 12.22 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 218th meeting held on 11-3-2019 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 the lease for the mining was earlier granted in 2009 for five years and which ended in the year 2014 during this period the proponent has stated that he has mined 2,500 tons and mining activity was taken up before 9-9-2013. The renewal notification

for the same was issued on 27-5-2016 and subsequently he has applied for grant of EC to DEIAA on 6-8-2016. The DEAC has taken up appraisal during its meeting dated:18-4-2017 and recommend for issue of EC. The DEIAA during its meeting held on 20-7-2017 sent back the proposal to DEAC to appraise afresh in view of the four queries raised by DEIAA the main issue was about the cluster effect. The DEAC appraised the proposal during its meeting held on 4-9-2018 and re-recommended for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013 it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in the policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 1 Acre 27 guntas is 8 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 12 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

The proponent has furnished a combined sketch prepared by the DMG indicating the number of leases within the 500 meter radius from this lease according to which there are four number of leases including this lease and leases for all these have been granted prior to 9-9-2013, based on this the proponent claimed the exemption from cluster effect.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.31 Proposed Building Stone Quarry Project at Sy.No.9 of Gonthaganahudya Village, Chikkaballapura Taluk, Chikkaballapura District (2-00 Acres) By Sri T S Ashwathappa (SEIAA 44 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | |
|----|--|--|
| 1 | Name & Address of the Project Proponent | Sri. T S Ashwathappa Teelakuntahalli Village, Gonthaganahudya Post Gudibande Taluk, Chikkaballapura District, Chikkaballapura. |
| 2 | Name & Location of the Project | Over an extent of 2-00 Acres under (Government Revenue Land) Sy No: 9, Gonthaganahudya Village, Chickballapur Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 53.4" Longitude: E 77° 47' 01.9" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing (QL 25 RI) |
| 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 849.5 m Existing Pit level |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,50,000 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 0.5m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 37,500 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.90 crores |

| | | | | |
|----|--|-------------------------------------|--|-----------|
| 17 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Haristala Reserved Forest -4.15 | |
| | b. | Nearest Human Habitation | Gonthaganahudya - 1.60Kms(W) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. | |
| | d. | Water Bodies | Varlakonda Lake -1.30 Kms(NE) Nandaganahalli Pond -2.80 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 | 1-15 | |
| | b. | Waste Dumping Area | 0-02 | |
| | c. | Top Soil Storage Area | 0-06 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/ Buffer Zone | 0-15 | |
| | h. | Unexplored area | -- | |
| | i. | Others Specify | -- | |
| 20 | Method of Mining/ Quarrying | | Semi Mechanised Method Open quarrying | |
| 21 | Rate of Replenishment in case River sand project | | NA | |
| 22 | Water Requirement | | | |
| | a. | Source of water | Drinking water : Borewell from the village Dust Suppression: River Water | |
| | b. | Total Requirement of Water in KLD | Dust Suppression | 10.2 KLD |
| | | | Domestic | 1.8 KLD |
| | | | Other | 0.84 KLD |
| | | | Total | 12.84 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 was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

218.32 Proposed Building Stone Quarry Project at Sy.No.25 of Bennahalli Village, Ramanagara Taluk, Ramanagara District (2-30 Acres) By M/s. Someswara Stone Crusher (SEIAA 45 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|------------------|---|--|--------------|--------------|
| 1 | Name & Address of the Project Proponent | M/s Someswara Stone Crusher Ragihally, JiganiHobli Anekal Taluk Bengaluru. | | |
| 2 | Name & Location of the Project | Building stone quarry of M/s Someswara Stone Crusher Sy. No-25, Bennahalli Village, Ramanagara Taluk and District, Karnataka | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°42.495' | E 77°22.744' |
| | | Boundary point-B | N 12°42.467' | E 77°22.766' |
| | | Boundary point-C | N 12°42.441' | E 77°22.764' |
| | | Boundary point-D | N 12°42.452' | E 77°22.683' |
| | | Boundary point-E | N 12°42.479' | E 77°22.686' |
| | | Boundary point-F | N 12°42.488' | E 77°22.706' |
| Boundary point-G | N 12°42.497' | E 77°22.720' | | |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 2-30 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |

| | | | |
|----|--|---|--|
| 11 | Annual Production Proposed (Metric Tons/CUM) / Annum | Year | Saleable Building Stone in Tonnes |
| | | 1st (2018-19) | 86,269 |
| | | 2nd (2019-20) | 1,18,503 |
| | | 3rd (2020-21) | 1,28,706 |
| | | 4th (2021-22) | 1,39,043 |
| | | Total | 4,72,521 |
| 12 | Quantity of Topsoil/Overburden in cubic meter | - | |
| 13 | Mineral Waste Handled (Metric Tons/CUM)/Annum | 547 tons/annum | |
| 14 | Project Cost (Rs) | 15 lakhs. | |
| 15 | Environmental Sensitivity | | |
| | a. | Nearest Forest | |
| | b. | Nearest Human Habitation | Bennahalli 1.2km from the proposed lease area. |
| | c. | Educational Institutes, Hospital | Ramanagara 10.2 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 | | |
| | Sl. No. | Particulars | Area in Acres |
| | 1 | Quarry workings | 2-03 |
| | 2 | Waste dumps/Mineral storage | 0-01 |
| | 3 | Roads/Infrastructure | 0-01 |
| | 4 | Proposed buffer zone | 0-25 |
| | Total | | 2-30 |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 2.5KL/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 218th meeting held on 11-3-2019 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 as per the proponent's statement, the Bennahalli village of Ramanagar taluk wherein this quarry is located at a distance of 15.9 KM from Bannerghatta National Park, 8 KM from Ramdevarabetta and 32.2 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned since it has not yet been notified, by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wildlife Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 for a period of five years and renewal application has been filed on 27-11-2006 and renewal process is still in progress. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 4 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 15 meters and taking this factor into consideration the quantity that can be mined

scientifically and safely with a quarry pit depth of 12 meters will be 80% of the proposed quantity.

The approach road from the lease area to the nearest all weather road is to a length of 2.7 KM and runs all along the existing cart track road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 80% of the proposed quantity, subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.33 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.94(P) of Nandanagenahalli village, Chikkabalapur Taluk, Chikkabalapur District (3-20 Acres) By Sri M. Prabhakar (SEIAA 46 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | Sri. M. Prabhakar S/o Munishamappa, Rabbanahalli, Koira post, Devanahalli Taluk, Bangalore Rural District |
| 2 | Name & Location of the Project | Over an extent of 3-20 Acres under (Government Gomala Land) Sy No: 94(P), Nandanagenahalli Village, Chikkaballapur Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 18.3" Longitude: E 77° 46' 37.3" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing |

| | | |
|----|--|--|
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Revenue Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.416 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 872.153 Existing pit Level |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 2,62,500 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 0.5m topsoil Available in this area |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 69,080 Tons |
| 16 | Project Cost (Rs. In Crores) | 3.95 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 3.10 Kms(S) |
| | b. Nearest Human Habitation | Chikkanagavali Village - 2.337 Kms (SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. |
| | d. Water Bodies | Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 2-16 |
| | b. Waste Dumping Area | 0-02 |
| | c. Top Soil Storage Area | |
| | d. Mineral Storage Area | 0-06 ° |
| | e. Infrastructure Area | |

| | | | | |
|----|----|---|---|-----------|
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/Buffer Zone | 0-34 | |
| | 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 | 10.5 KLD |
| | | | Domestic | 2.15 KLD |
| | | | Other | 1.19 KLD |
| | | | Total | 13.84 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 218th meeting held on 11-3-2019 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 the lease was granted during the year 1-1-2015 for five years. The EC for the same was issued earlier on 13-7-2015. The total quantity mined till date is approximately 1,98,000 tons or 74,000 cum. Now this application is for the enhancement of the quantity. The proposed enhanced quantity for a period of five years is 4,44,000 cum or 13,12,000 tons. As per the quarry plan there is a level difference of 28 meter within the mining area. Taking this into consideration the quantity that can be mined safely and scientifically will be about 70% of the proposed quantity. As far as EC compliance is concerned the proponent has stated that he is filing compliances regularly to the Regional office, MoEF, GOI, Bangalore and the officials have visited the site on 7-3-2019 and the certified copy is still awaited.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 70% of the proposed quantity, subject to submission of following informations to the authority.

- 1) Quarry audit report indicating the quantities already mined.

2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

12th March 2019

Members present in the meeting:

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

218.34 Proposed Building Stone Quarry Project in Government Gomala Land at Sy. No. 16 of Kaategarahalli village, Gudibande Taluk, Chikkabalapur District (7-20 Acres) By Sri K. A. Shreenath Reddy (SEIAA 47 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. K. A. Shreenath Reddy, S/o K. Ashwath Reddy, Ramapatna Post, No. 9, Kariganathammanahalli Gudibande Taluk |
| 2 | Name & Location of the Project | "Building Stone Quarry" over an extent of 7-20 Acres at Sy No. 16, Kategarahalli village, Gudibande Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 41' 53.2" |

| | | |
|----|--|--|
| | | Longitude: E 77° 45' 20.5" |
| 4 | Type of Mineral | Building Stone Quarry |
| 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 | 3.03 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 Stone 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 | 3,00,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 1 m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 78,945 Tons |
| 16 | Project Cost (Rs. In Crores) | 12.82 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Beechaganahally Reserved Forest - 2.6 kms E |
| | b. Nearest Human Habitation | Kaatgarahalli Village - 1.0 Kms (SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibanda. |
| | d. Water Bodies | Hosa Yerrahalli pond - 1.20 Kms (N) Kurlahally Pond - 1.85 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 | 5-19 | |
| | b. | Waste Dumping Area | 0-02 | |
| | c. | Top Soil Storage Area | 0-04 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/Buffer Zone | 1-13 | |
| | 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 | 10.5 KLD |
| | | | Domestic | 2.2 KLD |
| | | | Other | 2.38 KLD |
| | | | Total | 15.08 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 218th meeting held on 11-3-2019 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 the lease for this proposal was granted on 26-7-2018. The proponent has stated that he made out an application to the DEIAA in August 2018. The DEAC has appraised the proposal and forwarded to DEIAA for issue of EC but the EC has not been issued. In the meantime due to change of policy the proponent has made out this application to SEIAA. From the records, it is noticed that at certain places Sy.No.34 has been mentioned instead of Sy.No.16 for which the proponent has stated that the notification issued by DMG for grant of quarry lease clearly mentions Sy.No.16 and he has also reiterated that the proposal is for Sy.No.16 only and not for Sy.No.34 which inadvertently appeared at certain places and in all major crucial documents only Sy.No.16 is mentioned.

As per the cluster map furnished by the proponent, the DMG has stated that there are no other quarries within the radius of 500 meters from this quarry. Hence the committee decided to categorise this proposal as B2 and proceeded with the appraisal.

As per the quarry plan there is a level difference of 12 meters within the mining lease and taking this into consideration only 80% of the proposed quantity can be mined scientifically and safely.

For the approach road the proponent has proposed to utilize the existing cart track road which runs for a length of 600 meters and joins all weather road.

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

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

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

218.35 Proposed Building Stone Quarry in Government Revenue Land at Sy.No.59 of Brahmanarahalli Village, Gudibande Taluk, Chikkaballapura District (2-20 Acres) By Sri V Ashok Kumar (SEIAA 48 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. V Ashok Kumar, No-64, Aruru Village and post, Chikkaballapura Taluk & District. |
| 2 | Name & Location of the Project | Over an extent of 2-20 Acres under (Government Revenue Land) Sy No: 59, Brahmanarahalli Village, Gudibande Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 39' 11.3" Longitude: E 77° 47' 09.7" |
| 4 | Type of Mineral | Building Stone Quarry |
| 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 | 1.011 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 Stone 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 | 1,87,500 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 0.8m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 49,340 Tons |
| 16 | Project Cost (Rs. In Crores) | 3.35 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Narasimhadevarabetta state forest - 2.00 kms (W) |
| | b. Nearest Human Habitation | Near Brahmanarahalli Village - 0.60 Kms (S) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. |
| | d. Water Bodies | Brahmanarahalli Lake - 0.85 Kms(SE) Gudibande Lake - 2.20 kms (NE) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 1-23 |
| | b. Waste Dumping Area | 0-02 |
| | c. Top Soil Storage Area | 0-06 |
| | d. Mineral Storage Area | |
| | e. Infrastructure Area | |
| | f. Road Area | 0-02 |
| | g. Green Belt Area/ Buffer Zone | 0-27 |

| | | | | |
|----|----|---|---|-----------|
| | 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 | 10.5 KLD |
| | | | Domestic | 2.2 KLD |
| | | | Other | 2.38 KLD |
| | | | Total | 15.08 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 218th meeting held on 11-3-2019 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 the lease Notification has been issued on 26-7-2018. The proponent has stated that he has made out an application to DEIAA for issue of EC during August 2018 and subsequent to this DEAC has appraised during its meeting held on 27-9-2018 and recommended for issue of EC. The committee also noted that there are no other leases within the 500 meter from this lease area. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change of policy this proposal has been forwarded to SEIAA.

As per the mining plan the level difference within the mining area of 1 Acre 23 guntas is 14 meters and taking this into consideration only 40% of the total quantity proposed can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2 KM and he has also stated that he will take up greenery in the buffer zone left within the lease area as there is average one meter depth of overburden soil.

Now proponent has also produced recent cluster sketch prepared by the DMG wherein it is stated that there are no other quarries within the 500 meter radius from this lease. Hence this proposal has been categorized under B2 category and proceeded with the appraisal.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 40%.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.36 Proposed Building Stone Quarry Project in Q.L.No221 at Sy.No.11 of Jonnalakunte Village, Chikkaballapura Taluk, Chikkaballapura District (3-00 Acres) By M/s. Rock Crushers (SEIAA 49 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | M/s. Rock Crushers, Sy. No. 27, Old N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 3-00 Acres in Govt Revenue Revenue Land at Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 40.2" Longitude: E 77° 45' 18.6" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land |
| 7 | Whether the project site fall within ESZ/ESA | No |

| | | |
|----|--|---|
| 8 | Area in Ha | 1.21 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | 897.25 m from the Existing pit Level |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 1,67,501 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is no top soil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 17,092 Tons |
| 16 | Project Cost (Rs. In Crores) | 1.48 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 4.15 km (SE) |
| | b. Nearest Human Habitation | Jonnalakunte -0.65 Kms(W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura |
| | d. Water Bodies | MandikalPond-2.75 Kms(SW) PeresandraLake-3.22 Kms(SE) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 2-03 |
| | b. Waste Dumping Area/ Mineral Storage Area | 0-01 |
| | c. Road Area/ Infrastructure | 0-01 |
| | d. Green Belt Area/Buffer Zone | 0-35 |
| | e. Unexplored area | -- |
| | f. Others Specify | -- |
| 20 | Method of Mining/ Quarrying | Semi Mechanised Method Open quarrying |
| 21 | Rate of Replenishment in | NA |

| | | | | |
|----|---|-----------------------------------|---|---------|
| | case River sand project | | | |
| 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 | 4.5 KLD |
| | | | Domestic | 1.5 KLD |
| | | | Other | 0.8 KLD |
| | | | Total | 6.8 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 218th meeting held on 11-3-2019 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 proponent has stated that the lease for this proposal was granted during the year 2015 and EC for the same was also issued in May 2015 and he has also claimed exemption from the cluster effect since the EC was issued prior to 15-1-2016

This is a operating quarry for which the EC was issued on 22-5-2015. Since the EC was issued prior to 15-1-2016 the proponent has claimed that he has been exempted from the cluster effect. The proponent has also stated that the total quantity mined till this date will be approximately 2,67,000 tons or 1,00,000 cum. The proponent has made out an application to DEIAA for enhancement of the quantity subsequent to which DEAC during its meeting held on 4-9-2018 has recommended for issue of EC restricting the quantity to 80% of the proposed quantity of 8,37,509 tons for the plan period and further the file has been referred to SEIAA in view of change of policy.

As per the revised quarry plan prepared during December 2017, the level difference within the mining area of 2 acres 03 guntas is 25 meter, taking this factor into consideration and also the fact that the already mined quantity of 2,67,000 tons as reflected in the revised quarry plan, the total quantity that can be mined further for the plan period of five years will be 70% of the proposed quantity.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing the compliance to the Regional office, MoEF, GoI. The officials from Regional office have visited on 7-3-2019 and certified compliance is still awaited.

As regards the management of waste the proponent has stated that he will utilise the waste for formation of approach road to a length of 550 meters and he has also stated that he will take up greenery on either side of the approach road as this cannot be taken in the lease area which is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 70% of the proposed quantity and to submission of following information to the Authority:

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.37 Proposed Building Stone Quarry Project at Sy.No.59 of Hosahudya Village, Bagepalli Taluk, Chikkaballapura District (2-26 Acres) By Sri N S Bhargava Reddy (SEIAA 50 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | Sri N S Bhargava Reddy, S/o. Shivashankara Reddy, H-Nagasandra Village, Gowribidanur Taluk, Chikkaballapura |
| 2 | Name & Location of the Project | Over an extent of 2-26 Acres under (Government Revenue Land) Sy No: 59, Hosahudya Village, Bagepalli Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 39' 11.3" Longitude: E 77° 47' 09.7" |
| 4 | Type of Mineral | Building Stone Quarry |
| 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 | 1.07 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 Stone 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 | 1,98,750 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 1.0m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 52,300 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.90 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Gadidam State Forest - 4.30 Kms(SE) |
| | b. Nearest Human Habitation | Hosahudya Village - 2.25 Kms(SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Bagepalli. |
| | d. Water Bodies | Hosahudya kere - 2.70 Kms (S) Bagepalli Lake - 5.10 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 | 1-38 |
| | b. Waste Dumping Area | 0-02 |
| | c. Top Soil Storage Area | |
| | d. Mineral Storage Area | 0-04 |

| | | | | |
|----|----|---|---|-----------|
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/ Buffer Zone | 0-20 | |
| | 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 | 10.5 KLD |
| | | | Domestic | 2.2 KLD |
| | | | Other | 2.38 KLD |
| | | | Total | 15.08 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 218th meeting held on 11-3-2019 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 the lease Notification has been issued on 26-7-2018. The proponent has stated that he has made out an application to DEIAA for issue of EC during August 2018 and subsequent to this DEAC has appraised during its meeting held on 27-9-2018 and recommended for issue of EC. The committee also noted that there are no other leases within the 500 meter from this lease area. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change of policy this proposal has been forwarded to SEIAA. Now the proponent has furnished fresh cluster map prepared by DMG on 31-1-2019 wherein it is mentioned that there are two quarries within the 500 meter radius including this quarry and overall area is 7 Acres 26 guntas which is less than the threshold limit of 5 Ha.

As per the mining plan the level difference within the mining area of 1 Acre 38 guntas is 16 meters and taking this into consideration only 40% of the total quantity proposed can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 600 meters and he has also stated that he will take up greenery in the buffer zone left within the lease area as there is average 0.6 meter depth of overburden soil.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 40%.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.38 Proposed Building Stone Quarry Project at Sy. No. 168 of Varlakonda village, Gudibande Taluk, Chikkaballapura District (2-00 Acres) By Sri T S Ashwathappa (SEIAA 51 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri. T S Ashwathappa, S/o Subbarayappa, Teelakuntahalli Village, Varlakonda Post, Chikballapur District |
| 2 | Name & Location of the Project | Over an extent of 2-00 Acres under (Government Revenue Land) Sy No: 168, Varalakonda Village, Gudibande Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 45.4" Longitude: E 77° 46' 21.9" |
| 4 | Type of Mineral | Building Stone Quarry |
| 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 | 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 Stone 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 | 1,50,000 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 0.5m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 39,475 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.90 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest -3.2 kms (S) |
| | b. Nearest Human Habitation | Varlakonda Village - 3.1 Kms (NE) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. |
| | d. Water Bodies | Peresandra Lake - 2.0 Kms (SE) Varalakonda Lake - 1.8 Kms(NE) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |
| | a. Area for Mining/ Quarrying | 1-12 |
| | b. Waste Dumping Area | 0-02 |
| | c. Top Soil Storage Area | 0-06 |
| | d. Mineral Storage Area | |
| | e. Infrastructure Area | |
| | f. Road Area | 0-02 |
| | g. Green Belt Area/Buffer Zone | 0-18 |

| | | | | |
|----|----|---|---|-----------|
| | 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 | 10.2 KLD |
| | | | Domestic | 1.8 KLD |
| | | | Other | 0.84 KLD |
| | | | Total | 12.84 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 218th meeting held on 11-3-2019 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 noticed certain discrepancies in the information furnished by the proponent.

Hence the committee after discussion decided to defer the subject.

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

218.39 Proposed Grey Granite Quarry Project in Government Kharab Land at Sy.No.132(P) of Kothakota Village, Bagepalli Taluk, Chikkaballapur District (4-00 Acres) By Sri CN Prakash (SEIAA 52 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | Sri CN Prakash S/o. Sri Narayana Reddy Chimakalahalli,Thokalahalli Post, Gowribidanur Taluk, Chikkabalapura District |
| 2 | Name & Location of the Project | Sy No: 132(P), Kothakota Village,Bagepalli Taluk, Chikkaballapur District. |

| | | |
|----|--|--|
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 54' 51.3" Longitude: E 77° 51' 27.6" |
| 4 | Type of Mineral | Grey Granite Quarry |
| 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 | 1.618 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 Grey Granite 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 | 12,400 Cu m |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 1.0 m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 16,187 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.90 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Somarajum RF: |
| | b. Nearest Human Habitation | Kothakot Village - 2.25 Kms(SW) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Bagepalli. |
| | d. Water Bodies | Kottekote Kere : 650 m NW |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Acres | |

| | | | | |
|----|----|---|---|-----------|
| | a. | Area for Mining/ Quarrying | 2-19 | |
| | b. | Waste Dumping Area | 0-01 | |
| | c. | Top Soil Storage Area | 0-10 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-01 | |
| | g. | Green Belt Area/ Buffer Zone | 0-35 | |
| | h. | Unexplored area | 0-15 | |
| | 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 | 10.5 KLD |
| | | | Domestic | 2.2 KLD |
| | | | Other | 2.38 KLD |
| | | | Total | 15.08 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 was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent with intimation.

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

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

218.40 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapur District (4-30 Acres) By M/s. Sasa Stones Pvt Ltd. (SEIAA 53 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | |
|----|--|---|
| 1 | Name & Address of the Project Proponent | M/s. Sasa Stones Pvt Ltd., Managing Partner Gorvigeri Anand Kumar Vikranath, No.190, 1st Floor, 49th Croos, 3rd Block, Rajajinagar, Bangalore-10, Karnataka. |
| 2 | Name & Location of the Project | Over an extent of 4-30 Acres under (Government Revenue Land) Sy No: 43, Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 36' 34.3" Longitude: E 77° 45' 34.1" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Existing |
| 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 | 1.922 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 Stone 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 | 1,98,750 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 1.0m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 31580 Tons |
| 16 | Project Cost (Rs. In Crores) | 2.90 crores |

| | | | | |
|----|--|-----------------------------------|--|-----------|
| 17 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Haristhala Reserved Forest - 4.00 Kms (S) | |
| | b. | Nearest Human Habitation | Chikkanagavalli Village - 0.90 Kms (S) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande. | |
| | d. | Water Bodies | Adegarahalli Pond - 1.40Kms (S) Kamaganapalli Lake - 3.40 | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 2-38 | |
| | b. | Waste Dumping Area | 0-03 | |
| | c. | Top Soil Storage Area | 0-06 | |
| | d. | Mineral Storage Area | | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-03 | |
| | g. | Green Belt Area/Buffer Zone | 1-20 | |
| | 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 | 10.5 KLD |
| | | | Domestic | 2.2 KLD |
| | | | Other | 2.38 KLD |
| | | | Total | 15.08 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 was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

218.41 Proposed Mathigatta Quartz & Clay Mine in Govt Revenue Land at Sy.No.109, Mathigatta Village, Chikkanayakanahalli Taluk, Tumkur District (8-18 Acres) by M/s. Brindavan Granites(SEIAA 54 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|--|---|----------------|----------------|
| 1 | Name & Address of the Project Proponent | M/s. Brindavan Granites #1/1, Black Diamond House 4th Cross, 1st Block, Jayanagara, Bengaluru- 560011. | | |
| 2 | Name & Location of the Project | Mathigatta Quartz & Clay Mine in 8-18 Acres of Govt. Revenue Land bearing Sy. No. 109, Mathigatta Village, Chikkanayakanahalli Taluk, Tumkuru District, Karnataka, vide ML No. 2197 | | |
| 3 | Co-ordinates of the Project Site | C. P | Latitude | Longitude |
| | | A | N 13° 25'33.1" | E 76° 28'48.6" |
| | | B | N 13° 25'34.2" | E 76° 28'53.0" |
| | | C | N 13° 25'32.0" | E 76° 28'56.9" |
| | | D | N 13° 25'29.8" | E 76° 28'56.1" |
| | | E | N 13° 25'30.8" | E 76° 28'50.8" |
| | | F | N 13° 25'25.9" | E 76° 28'52.0" |
| | | G | N 13° 25'26.7" | E 76° 28'48.4" |
| 4 | Type of Mineral | Quartz & Clay | | |
| 5 | New / Expansion / Modification / Renewal | Renewal | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Govt. Revenue | | |
| 7 | Whether the project site fall within ESZ/ESA | No | | |
| 8 | Area in Ha | 3.41 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 | 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 | | 12,366 Tons per Annum of Quartz and 31,383 Tons per Annum of Clay from the quarry. |
| 14 | Quantity of Topsoil/Over burden in cubic meter | | None |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 49,463 Tons (Total)- Quartz 83,688 Tons (Total) - Clay |
| 16 | Project Cost (Rs. In Crores) | | 0.40 |
| 17 | Environmental Sensitivity | | |
| | a. | Nearest Forest | Halkurik Amrit Mahal Kaval SF 2.2 Km S-SE |
| | b. | Nearest Human Habitation | Mathigatta - 1.5 Km |
| | c. | Educational Institutes, Hospital | -- |
| | d. | Water Bodies | Maddipura Kere 1.5 Km towards NE Dasihallipalya Kere 1.5 Km E-SE Basaveshwarapura Kere 2.5 Km S Malligere Kere 3.25 Km N-NW Mattighatta Kere 3.8 Km N Abegalli Kere 4.25 Km E Rangapura Kere 4.5 Km W-SW |
| | e. | Other Specify | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | None |
| 19 | Details of Land Use in Ha | | |
| | a. | Area for Mining/ Quarrying | 1.40 Ha. |
| | b. | Waste Dumping Area | |
| | c. | Top Soil Storage Area | |
| | d. | Mineral Storage Area | |
| | e. | Infrastructure Area | |
| | f. | Road Area | 0.07 |
| | g. | Green Belt Area | |
| | h. | Unexplored area | 1.94 |
| | 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 | Nearby Borewell Water |
| | b. | Total Requirement of Water | Dust 3.15 |

| | | | |
|----|---|----------------------|-------|
| | in KLD | Suppression | |
| | | Domestic | 0.870 |
| | | Other | 1.50 |
| | | Total | 5.52 |
| 23 | Storm water management plan | Will be carried out. | |
| 24 | Any other information specific to the project (Specify) | None | |

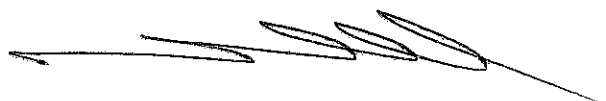
The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 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 the proponent has stated that the lease for this proposal has been granted initially in the year 1995 for the period of 20 years for mining of quartz only and is valid upto 2015 and he has also stated that he has made out an application for the renewal of the lease well within the time during 2014 itself. As the renewal was not granted the proponent has stated that he has stopped the mining from April 2015 and it is still inoperative till date. In the meantime the quartz minerals has been reclassified from major mineral to specified minor mineral for which the EC was made mandatory whereas for the earlier operation EC was not mandatory as the proposal was for mining of quartz only. While attempts were being made to get the EC, KMMCR has been amended granting deemed extension for 30 years.

Now this proposal is for mining quartz and associated clay for which DMG has approved modified mining quarry plan. The proponent has stated that he has made out an application to the DEIAA and consequent to this DEAC held a meeting and appraised the proposal on 8-2-2018 and 15-6-2018 and after getting the required additional details recommended for DEIAA for issue of EC and it was pending at DEIAA. In the meanwhile due to change of policy the proponent has made out an application to SEIAA. In addition to this the proponent has stated that he has operated the mine initially in 1995 and extracted only about 100 tons of the mineral and after that he has stopped mining till 2013 and operated upto 2015. In this regard the proponent has stated that audit report for the previous five years has not yet been issued by DMG and will be submitted to SEIAA before issue of EC. The committee after discussion decided to defer the subject due to some discrepancies in calculating the quantity of the mine to be extracted for which the proponent has agreed to come back with the proper details.

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



218.42 Proposed "Building Stone Quarry" in Govt Revenue land at Sy.No.34, Valasenhalli Village, Chikkaballapura Taluk & District(7-00 Acres) by Smt. B.N Usha Nandini(SEIAA 55 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | Smt. B. N. Usha Nandini, W/o. Y. A Narayanaswamy, #461, 7th Cross, 4th Main, Dollars Colony, R.M.V. 2nd Stage, Bangalore, Karnataka-560094 |
| 2 | Name & Location of the Project | Over an extent of 7-00 Acres under (Government Revenue Land) Sy No: 34, Valasenhalli Village, Chikkaballapura Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 29' 16.5" Longitude: E 77° 37' 11.4" |
| 4 | Type of Mineral | Building Stone Quarry |
| 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 | 2.832 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 Stone 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 | 3,50,000 Tons/ annum |
| 14 | Quantity of Topsoil/ Over burden in cubic meter | There is 1.0m topsoil Available in this area. |

| | | | |
|----|--|--|-----------|
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 92,105 Tons | |
| 16 | Project Cost (Rs. In Crores) | 1.42 crores | |
| 17 | Environmental Sensitivity | | |
| | a. Nearest Forest | Narasimhadevarabetta Reserved Forest - 3.2 Kms (SE) | |
| | b. Nearest Human Habitation | Machenahalli Village - 2.30 Kms (NW) | |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura. | |
| | d. Water Bodies | Machenahalli Lake - 1.35 Kms(N) | |
| | 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 | 5-10 | |
| | b. Waste Dumping Area | 0-02 | |
| | c. Top Soil Storage Area | 0-04 | |
| | d. Mineral Storage Area | | |
| | e. Infrastructure Area | | |
| | f. Road Area | 0-02 | |
| | g. Green Belt Area/ Buffer Zone | 1-22 | |
| | 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 | 10.7 KLD |
| | | Domestic | 2.4 KLD |
| | | Other | 2.38 KLD |
| | | Total | 15.10 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 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 the quarry lease has been granted on 4th August 2018. The proponent has stated that he has made out an applicaiton to DEIAA and subsequent to this the same has been appraised in DEAC on 27-9-2018 and recommended for issual of EC and it was pending at DEIAA. In the mean time due to change in policy the proponent has stated that he has made out the application to SEIAA. As seen from the cluster map submitted by the proponent there are no other leases within 500 meters from this lease. Hence there is no cluster effect.

As seen from the quarry plan there is a level difference of 30meter within the mining area and the proposed quantity can be mined scientifically and safely to a quarry pit depth of 20 meter. The proponent has stated that he will utilize the existing cart track road connecting quarry area to the all weather road at a dstance of 600 meter. The proponent also stated that since the quarry area is rocky outcrop, the greenery cannot be developed in the quarry area and it will be developed all along the 600 meter approach road and other roads.

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

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

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

218.43 Proposed Building Stone Quarry in Govt land at Sy.No.88, Seebanahalli, Channapatna, Ramanagara Dist (0.20 Acres) by Sri. Siddegowda(SEIAA 56 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Sri.Siddegowda S/o Kempegowda Np-4437, 6 th Main Road, Rajakempegowda layout Channapattana Town, Ramanagara District |

| | | | | |
|----|---|---|---|--------------|
| 2 | Name & Location of the Project | Building Stone Quarry Sri.Siddegowda Extent of 0-20 Acers under part of Sy.No-88 Seebanahalli village, Channapattana Taluk, Ramánagara District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°39.417' | E 77°06.238' |
| | | Boundary point-B | N 12°39.417' | E 77°06.260' |
| | | Boundary point-C | N 12°55'27.9" | E 77°06.260' |
| | Boundary point-D | N 12°55'30.2" | E 77°06.238' | |
| 4 | Type of Mineral | Building stone. | | |
| 5 | New / Expansion / Modification / Renewal | Modification | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 0-20 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 1st | 678 | |
| | | 2nd | 704 | |
| | | 3rd | 717 | |
| | | 4th | 785 | |
| | | 5th | 810 | |
| | Total | 3694 | | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 75 Tonnes for a period of 5 years. | | |
| 14 | Project Cost (Rs) | 5 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Seebanahalli 0.8km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Channapattana 10 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 | | | | | | | | | | |
| | Sl. No. | Particulars | Total land use at the end of plan period in acres | | | | | | | | |
| | 1 | Area to be excavated | 0-10 | | | | | | | | |
| | 2 | Storage of top soil | 0-01 | | | | | | | | |
| | 3 | Infrastructure(workshop, administrative building) | | | | | | | | | |
| | 4 | Roads | 0-01 | | | | | | | | |
| | 5 | Green belt | 0-07 | | | | | | | | |
| | Total | | 0-20 | | | | | | | | |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 1.5 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 | <table border="1"> <tr> <td>Dust Suppuration</td> <td>0.5</td> </tr> <tr> <td>Domestic</td> <td>0.5</td> </tr> <tr> <td>Other</td> <td>0.5</td> </tr> <tr> <td>Total</td> <td>1.5</td> </tr> </table> | Dust Suppuration | 0.5 | Domestic | 0.5 | Other | 0.5 | Total | 1.5 |
| Dust Suppuration | 0.5 | | | | | | | | | | |
| Domestic | 0.5 | | | | | | | | | | |
| Other | 0.5 | | | | | | | | | | |
| Total | 1.5 | | | | | | | | | | |
| 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 218th meeting held on 12-3-2019 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 it is a operating quarry with a lease area of 20 guntas. The committee opined

that the mining activity cannot be carried out scientifically and safely in such a small area by semi mechanized method for which the proponent and consultant have stated that they will make out a modified application to carry out the mining by manual mode.

Hence the committee after discussion/deliberation decided to defer the subject.

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

218.44 Proposed Building Stone Quarry(M-sand) at Govt Gomala Land at Sy.No.47, Bettahalli, Malur District Kolar (8-00 Acres) by Sri. T. Basapathi (SEIAA 57 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|---|---|--------------------|--------------------|
| 1 | Name & Address of the Project Proponent | Sir T. Basapathi No.59\6 th cross, VeerannaAashrama, Malleshwaram, Bangalore-560003. | | |
| 2 | Name & Location of the Project | Building Stone (M-sand) Quarry of Sri.T.Basapathi, Extent of 8-00 Acers under part of Sy.No-47 Bettahalli Village, MalurTaluk, Kolar District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | Boundary Points | Latitude | Longitude |
| | | A | N 12° 58' 50.3955" | E 78° 06' 26.6638" |
| | | B | N 12° 58' 52.1899" | E 78° 06' 34.4089" |
| | | C | N 12° 58' 48.2326" | E 78° 06' 36.4797" |
| | | D | N 12° 58' 46.6309" | E 78° 06' 28.6236" |
| 4 | Type of Mineral | Building stone | | |
| 5 | New / Expansion / Modification / Renewal | New | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land | | |
| 7 | Whether the project site fall within ESZ/ESA | No | | |

| | | | | |
|----|--|----------------------------------|---|--|
| 8 | Area in Ha | 3.237 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 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 1 st | 3,66,188 | |
| | | 2 nd | 3,77,472 | |
| | | 3 rd | 3,84,320 | |
| | | 4 th | 3,92,688 | |
| | | 5 th | 5,83,562 | |
| | Total | 21,04,230 | | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | Nil | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1,10,745 Tones for Five year | | |
| 14 | Project Cost (Rs) | 50 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Bettahalli 0.8 km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Malur 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 | | | |
| | Sl. No. | Particulars | Total land use at the end of plan period in acres | |
| | 1 | Area to be excavated | 6-20 | |
| | 2 | Storage of top soil | 0-10 | |

| | | | | | | | | | | | |
|------------------|-----------------------------|--|---|------------------|---|----------|---|-------|---|-------|---|
| | 3 | Infrastructure(workshop, administrative building) | 0-01 | | | | | | | | |
| | 4 | Roads | 0-04 | | | | | | | | |
| | 5 | Railways | - | | | | | | | | |
| | 6 | Green belt | 1-05 | | | | | | | | |
| | Total | | 8-00 | | | | | | | | |
| 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 6.0 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 | <table border="1"> <tr> <td>Dust Suppuration</td> <td>2</td> </tr> <tr> <td>Domestic</td> <td>2</td> </tr> <tr> <td>Other</td> <td>2</td> </tr> <tr> <td>Total</td> <td>6</td> </tr> </table> | Dust Suppuration | 2 | Domestic | 2 | Other | 2 | Total | 6 |
| Dust Suppuration | 2 | | | | | | | | | | |
| Domestic | 2 | | | | | | | | | | |
| Other | 2 | | | | | | | | | | |
| Total | 6 | | | | | | | | | | |
| 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 was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

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

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

218.45 Proposed Stone (M-sand) Quarry of Govt Gomalā land at Sy.No.47, Bettehalli village, Malur Taluk, Kolar District (3-0 Acres) by Smt. T.B Vanitha(SEIAA 58 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | | | |
|----|---|--|---------------------------------|--------------------|
| 1 | Name & Address of the Project Proponent | Smt T. B. Vanitha No.59\6 th cross, VeerannaAashrama, Malleshwaram, Bangalore-560003. | | |
| 2 | Name & Location of the Project | Building Stone (M-sand) Quarry of Smt.T.B. Vanitha Extent of 3-00 Acers under part of Sy.No-47 Bettahalli Village, MalurTaluk, Kolar District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | Boundary Points | Latitude | Longitude |
| | | A | N 12° 58' 46.4886" | E 78° 06' 37.4917" |
| | | B | N 12° 58' 45.6462" | E 78° 06' 36.7515" |
| | | C | N 12° 58' 46.5968" | E 78° 06' 35.4067" |
| | | D | N 12° 58' 45.2372" | E 78° 06' 29.3486" |
| | | E | N 12° 58' 46.6309" | E 78° 06' 28.6236" |
| F | N 12° 58' 48.2326" | E 78° 06' 36.4797" | | |
| 4 | Type of Mineral | Building Stone | | |
| 5 | New / Expansion / Modification / Renewal | New | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land | | |
| 7 | Whether the project site fall within ESZ/ESA | NO | | |
| 8 | Area in Ha | 1.214 ha | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | NA | | |
| 10 | Depth of Sand proposed to be removed | -NA | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Stone in Tonnes | Building |
| | | 1 st | 1,85,280 | |
| | | 2 nd | 1,87,152 | |
| | | 3 rd | 1,88,138 | |

| | | | | |
|----|--|----------------------------------|--|--|
| | | 4th | 1,90,503 | |
| | | 5th | 1,92,178 | |
| | | Total | 9,43,251 | |
| 12 | Quantity of Topsoil/Overburden in cubic meter | | NA | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 49,644 tones for five years | |
| 14 | Project Cost (Rs) | | 20 lakhs. | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Nill | |
| | b. | Nearest Human Habitation | Bettahalli 0.8 km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Malur 18.4 km from the proposed lease area. | |
| | d. | Water Bodies | No | |
| | e. | Other Specify | | |
| 16 | Applicability of General Condition of the EIA Notification, 2006 | | NA | |
| 17 | Details of Land Use in Ha | | | |
| | Sl.No. | Particulars | plan period in acres | |
| | 1. | Area to be excavated | 2-05 | |
| | 2. | Storage of topsoil | 0-04 | |
| | 3. | Infrastructure | 0-01 | |
| | 4. | Roads | 0-02 | |
| | 5. | Green belt | 0-28 | |
| | | Total | 3-00 | |
| 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 and Afforestation. | |
| | 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 | NA | | |

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

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

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

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

218.46 Proposed Building Stone Quarry(M-sand) in Govt Gomala Land at Sy.No.47, Bettahalli, Malur, Kolar District (2-30 Acres) by Smt. Savithamma(SEIAA 59 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|---|--|--------------------|--------------------|
| 1 | Name & Address of the Project Proponent | SmtSavithamma C/o T. Basapathi No.59\6th cross VeerannaAashrama Malleshwaram, Bangalore-560 003. | | |
| 2 | Name & Location of the Project | Building Stone (M-sand) Quarry of SmtSavithamma Extent of 2-30 Acres under part of Sy.No-47 SmtSavithamma Bettahalli Village, MalurTaluk, Kolar District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | Boundary Points | Latitude | Longitude |
| | | A | N 12° 58' 52.1299" | E 78° 06' 34.0815" |
| | | B | N 12° 58' 52.9554" | E 78° 06' 37.6122" |
| | | C | N 12° 58' 51.6573" | E 78° 06' 38.1758" |
| | | D | N 12° 58' 48.8297" | E 78° 06' 37.2898" |
| | | E | N 12° 58' 46.4886" | E 78° 06' 37.4917" |

| | | | | |
|----|---|---------------------------------------|--|--------------------|
| | | F | N 12° 58' 48.2326" | E 78° 06' 36.4797" |
| 4 | Type of Mineral | Building stone | | |
| 5 | New / Expansion / Modification / Renewal | New | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Gomala Land | | |
| 7 | Whether the project site fall within ESZ/ESA | No | | |
| 8 | Area in Ha | 1.112 | | |
| 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 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 1 st | 43,584 | |
| | | 2 nd | 45,319 | |
| | | 3 rd | 47,291 | |
| | | 4 th | 78,615 | |
| | | 5 th | 82,592 | |
| | | Total | 2,97401 | |
| 12 | Quantity of Topsoil/Overburden in cubic meter | | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 15654 Tonnes for a period of 5 years. | | |
| 14 | Project Cost (Rs) | 25 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Bettahalli 0.6km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Malur 18.7km 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 | | | | | | | | | | |
| | Sl. No. | Particulars | Total land use at the end of plan period in acres | | | | | | | | |
| | 1 | Area to be excavated | 1-34 | | | | | | | | |
| | 2 | Storage of top soil | 0-04 | | | | | | | | |
| | 3 | Infrastructure(workshop, administrative building) | 0-01 | | | | | | | | |
| | 4 | Roads | 0-02 | | | | | | | | |
| | 5 | Railways | - | | | | | | | | |
| | 6 | Green belt | 0-29 | | | | | | | | |
| | Total | | 2-30 | | | | | | | | |
| 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 3.0 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 | <table border="1"> <tr> <td>Dust Suppuration</td> <td>1</td> </tr> <tr> <td>Domestic</td> <td>1</td> </tr> <tr> <td>Other</td> <td>1</td> </tr> <tr> <td>Total</td> <td>3</td> </tr> </table> | Dust Suppuration | 1 | Domestic | 1 | Other | 1 | Total | 3 |
| Dust Suppuration | 1 | | | | | | | | | | |
| Domestic | 1 | | | | | | | | | | |
| Other | 1 | | | | | | | | | | |
| Total | 3 | | | | | | | | | | |
| 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 was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

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

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

218.47 Proposed Building Stone Quarry in Govt land at Sy.No.88, Seebanahalli, Channapattna, Ramanagara(0-25 Acres) by Sri. H.D Puttaswamy(SEIAA 60 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|---|---|-------------------|--------------|
| 1 | Name & Address of the Project Proponent | Sri.H.D.Puttaswamy S/o Doddegowda Hanumanthapuradoddi, H.Mogenahalli-Post, Channapattana Taluk, Ramanagara District, Karnataka. | | |
| 2 | Name & Location of the Project | Building Stone Quarry of- Sri.H.D.Puttaswamy Sy. No-88, Seebanahalli Village, Channapattna Taluk, Ramanagara District, Karnataka State. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°39.243' | E 76°06.242' |
| | | Boundary point-B | N 12°39.219' | E 76°06.242' |
| | | Boundary point-C | N 12°39.219' | E 76°06.206' |
| | | Boundary point-D | N 12°39.244' | E 76°06.214' |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 0-25 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production | Year | Saleable Building | |

| | | | | |
|----|--|---|--|--|
| | Proposed (Metric Tons/ CUM) / Annum | | Stone in Tonnes | |
| | | 1st | 842 | |
| | | 2nd | 863 | |
| | | 3rd | 886 | |
| | | 4th | 897 | |
| | | 5th | 908 | |
| | | Total | 4396 | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 89 Tonnes for a period of 5 years. | | |
| 14 | Project Cost (Rs) | 5 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Seebanahalli 1 km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Channapattana 10 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 | | | |
| | Sl. No. | Particulars | Total land use at the end of plan period in acres | |
| | 1 | Area to be excavated | 0-14 | |
| | 2 | Storage of top soil | 0-01 | |
| | 3 | Infrastructure(workshop, administrative building) | 0-01 | |
| | 4 | Roads | 0-01 | |
| | 5 | Green belt | 0-08 | |

| | | | | |
|----|--------------------------------|--|--|------|
| | | Total | | 0-25 |
| 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 | As no surface water sources are available in the Quarry lease area. Well is the source of water used in the Quarry and it is borrowed from nearby village. About 1.5 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 | 0.5 |
| | | | Domestic | 0.5 |
| | | | Other | 0.5 |
| | | | Total | 1.5 |
| 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 218th meeting held on 12-3-2019 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 it is a operating quarry with a lease area of 25 guntas. The committee opined that the mining activity cannot be carried out scientifically and safely in such a small area by semi mechanized method for which the proponent and consultant have stated that they will make out a modified application to carry out the mining by manual mode.

Hence the committee after discussion decided to defer the subject.

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

Court Case Files: The following files have been taken up for appraisal on priority as per the directions of Hon'ble High court.

218.48 Proposed "Pink Granite Quarry" at Sy.No.42, Mandikal Village & Post, Chikkaballapura Taluk, Chikkaballapura District by Sri. Venkatesh Reddy M.V (SEIAA 73 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | Sri. Venkatesh Reddy M. V. S/o. Venkatareddy M. V, Mandikal Village & Post, Chikkaballapura Taluk & District, Karnataka |
| 2 | Name & Location of the Project | Pink Granite Quarry over an extent 3-15 Acres in Government Land at Sy. No. 42 of Mandikal Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N13° 36' 57.6" Longitude: E77° 42' 20.1" |
| 4 | Type of Mineral | Pink Granite Quarry |
| 5 | New / Expansion / Modification / Renewal | New |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Kharab Land |
| 7 | Whether the project site fall within ESZ/ESA | No |
| 8 | Area in Ha | 1.365 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 Pink Granite 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 | 12,000 Cu.m/ annum |
| 14 | Quantity of Topsoil/Over burden | 7,200 cu.m |

| | | | | |
|----|--|-----------------------------------|--|-----------|
| | in cubic meter | | | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 60,000 Cu.m | |
| 16 | Project Cost (Rs. In Crores) | | 1.20 crores | |
| 17 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Narasimha Devarabetta Reserved Forest - 2.80 Kms(SW) | |
| | b. | Nearest Human Habitation | Mandikal - 3.3 Km (SE) | |
| | c. | Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande. | |
| | d. | Water Bodies | Bachchenahalli Pond - 1.6 Km (SE) Mandikal Pond - 3.7 Kms (SE) | |
| | e. | Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | | |
| 19 | Details of Land Use in Acres | | | |
| | a. | Area for Mining/ Quarrying | 2-07 | |
| | b. | Waste Dumping Area | 0-15 | |
| | c. | Top Soil Storage Area | | |
| | d. | Mineral Storage Area | 0-03 | |
| | e. | Infrastructure Area | | |
| | f. | Road Area | 0-02 | |
| | g. | Green Belt Area/ Buffer Zone | 0-28 | |
| | h. | Unexplored area | -- | |
| | i. | Others Specify | -- | |
| 20 | Method of Mining/ Quarrying | | Semi Mechanised Method Open quarrying | |
| 21 | Rate of Replenishment in case River sand project | | NA | |
| 22 | Water Requirement | | | |
| | a. | Source of water | Drinking water : Borewell from the village Dust Suppression: River Water | |
| | b. | Total Requirement of Water in KLD | Dust Suppression | 9.5 KLD |
| | | | Domestic | 2.81 KLD |
| | | | Other | 2.05 KLD |
| | | | Total | 14.36 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 218th meeting held on 12-3-2019 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. As stated by the proponent, the level difference within the mining area is 52 meters and there is no top soil. The proponent has stated that the recovery percentage is 50% and as per this for the recovery of 60,000 cum of mine over a plan period of five years, the wastages will be 60,000 cum. The proponent has stated that he has earmarked 15 guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 750 meters which runs in the govt. land for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter area from this lease and according to which there are two leases including this lease and the total area of these leases is 7 acres 23 guntas which is less than the threshold limit of 5 Ha. The proponent has stated that since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

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

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

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

218.49 Proposed "Building Stone Quarry" at Sy.No.25, Reddyhalli Village, Chikkaballapur Taluk, Chikkaballapur District by Shree O. Ganeshan(SEIAA 91 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Shree O. Ganeshan, S/o. Ove Redyar. No.02, Mudichar road, Est Tambaram, Chennai - 600045 |

| | | |
|----|--|---|
| 2 | Name & Location of the Project | Over an extent of 8-00 Acres under (Government Land) Sy No: 25, Reddyhalli Village, Chikkaballapura Taluk, Chikkaballapur District, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 33' 16.4" Longitude: E 77° 49' 31.0" |
| 4 | Type of Mineral | Building Stone Quarry |
| 5 | New / Expansion / Modification / Renewal | Renewal (QL No 67) |
| 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 | 3.237 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 Stone 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 | 2,10,254 Tons/annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | There is 1.0m topsoil Available in this area. |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | No mineral Waste produced in the area |
| 16 | Project Cost (Rs. In Crores) | 3.47 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | Haristala Reserved Forest - 5.8 Kms(S) |
| | b. Nearest Human Habitation | Reddyhalli Village - 0.90 Kms (W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in |

| | | | |
|----|--|---|-----------|
| | | Chikkaballapura. | |
| | d. Water Bodies | Chikkaballapura - 15.5Kms(NW). | |
| | e. Other Specify | -- | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | |
| 19 | Details of Land Use in Hectares | | |
| | a. Area for Mining/ Quarrying | 2.48 | |
| | b. Waste Dumping Area | -- | |
| | c. Top Soil Storage Area | 0.10 | |
| | d. Mineral Storage Area | | |
| | e. Infrastructure Area | | |
| | f. Road Area | 0.01 | |
| | g. Green Belt Area/ Buffer Zone | 0.55 | |
| | h. Unexplored area | 0.10 | |
| | 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 | 10.9 KLD |
| | | Domestic | 2.4 KLD |
| | | Other | 2.58 KLD |
| | | Total | 15.30 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 218th meeting held on 12-3-2019 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 the lease has been granted for this proposal during 11-1-2010 for five years and it is under deemed extension as per the direction of Hon'ble High Court. The proponent has stated that no mining activity has been carried out till date. He has also stated that he has made out an application to DEIAA and consequent to this DEAC held the meeting on 4-9-2018 and after appraisal recommended for issue of EC but no EC

was issued from DEIAA. In the meantime due to change in the policy the proponent has made out an application to SEIAA.

As seen from the quarry plan the level difference within the mining area is 9 meters and taking this into consideration the proposed quantity can be mined scientifically and safely with a mining pit depth of 18 meters. The approach road connecting lease area to the all weather road is an existing cart track road with a width of 10 feet and the proponent has stated that he has acquired the land on both sides of the cart track road and widened this road to a width of 30 feet. As per the cluster sketch furnished by the proponent the DMG has stated that there are three number of quarries including this quarry and lease for all these three quarries were granted prior to 9-9-2013 and based on this proponent has claimed exemption from the cluster effect. The proponent has stated that since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

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

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

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

218.50 Proposed "Building Stone Quarry" at Sy.No.20/3, Reddyhalli Village, Chikkaballapur Taluk, Chikkaballapur District by Shree K. Shankar Ganesha (SEIAA 157 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | Shree K.Shankar Ganesh, S/o.Kansaswamy. 1st street, Reddiyar Paliyam, West Tambaram, Chennai - 600045 |
| 2 | Name & Location of the Project | Building Stone Quarry over an extent 2-10 Acres in Government Land at Sy. No. 20/3 of Reddyhalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N 13° 33' 05.60" Longitude: E 77° 49' 22.7" |
| 4 | Type of Mineral | Building Stone Quarry |

| | | |
|----|--|--|
| 5 | New / Expansion / Modification / Renewal | Renewal (QL No 26) |
| 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 | 0.91 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 Stone Quarry |
| 12 | Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand | Not Worked. |
| 13 | Annual Production Proposed (Metric Tons/ CUM) / Annum | 57,000 Tons/ annum |
| 14 | Quantity of Topsoil/Over burden in cubic meter | No Top Soil |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | No Waste generated |
| 16 | Project Cost (Rs. In Crores) | 3.02 crores |
| 17 | Environmental Sensitivity | |
| | a. Nearest Forest | None within 5km |
| | b. Nearest Human Habitation | Reddyhalli -0.9 Kms(W) |
| | c. Educational Institutes, Hospital | The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura. |
| | d. Water Bodies | Reddyhalli Pond - 1.05 Km (SW) Nallaghuttahalli Pond - 1.25 Kms(NW) |
| | e. Other Specify | -- |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | |
| 19 | Details of Land Use in Hectares | |
| | a. Area for Mining/ Quarrying | 0.60 |
| | b. Waste Dumping Area | 0.00 |

| | | | | |
|----|---|-----------------------------------|---|-----------|
| | c. | Top Soil Storage Area | 0.00 | |
| | d. | Mineral Storage Area | 0.00 | |
| | e. | Infrastructure Area | 0.01 | |
| | f. | Road Area | 0.01 | |
| | g. | Green Belt Area/Buffer Zone | 0.29 | |
| | 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 | 8.5 KLD |
| | | | Domestic | 1.89 KLD |
| | | | Other | 1.73 KLD |
| | | | Total | 12.12 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 218th meeting held on 12-3-2019 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 the lease has been granted for this proposal during 5-6-2009 for five years and it is under deemed extension as per the direction of Hon'ble High Court. The proponent has stated that no mining activity has been carried out till date. He has also stated that he has made out an application to DEIAA and consequent to this DEAC held the meeting on 4-9-2018 and after appraisal recommended for issue of EC but no EC was issued from DEIAA. In the meantime due to change in the policy the proponent has made out an application to SEIAA.

As seen from the quarry plan the level difference within the mining area is 6 meters and taking this into consideration the quantity that can be mined scientifically and safely with a mining pit depth of 12 meters is 80% of the proposed quantity. The approach road connecting lease area to the all weather road is an existing cart track road with a width of 10 feet and the proponent has stated that he has acquired the land on both sides of the cart track road and widened this road to a width of 30 feet. As per the cluster sketch furnished by the proponent the DMG has stated that there are three

number of quarries including this quarry and lease for all these three quarries were granted prior to 9-9-2013 and based on this proponent has claimed exemption from the cluster effect.

Since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

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

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

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

13th March 2019

Members present in the meeting:

| | | |
|-------------------------------|---|-----------|
| Shri. N. Naganna | - | Chairman |
| Shri. B. Chikkappaiah, IFS(R) | - | Member |
| Dr. N Krishnamurthy | - | Member |
| Dr. M.I. Hussain | - | Member |
| Dr. K.B Umesh | - | Member |
| Shri M. Srinivasa | - | Member |
| Shri G.T Chandrashekarappa | - | Member |
| Dr. Vinod kumar C.S | - | Member |
| Shri Vyshak V. Anand | - | Member |
| Shri. J.G Kaveriappa | - | Member |
| Shri D. Raju | - | Member |
| Shri Venugopal .V | - | Member |
| Shri Mohd. Saleem I Shaikh | - | Member |
| Shri. VijayaKumar, IFS | - | Secretary |

Note: The taken up in March 2019 numbered asetc which corrected and as 218.51, as numberd order maintain continuous numbering of agendas.

Agendas
the 13th
has been
218.1, 218.2
have been
renumbered
218.52....etc
below in

EIA Appraisal:

218.51 Proposed Expansion of "Gopalan E-Park" of IT/ITES - SEZ project at Plot No.1 & 1-P, Sy.No.108(P), 111(P), 112(P), 114(P), 115(P), 124(P) 125(P) 197(P) & 198(P) 3rd Phase Koorgalli Industrial Area, Koorgalli Village, Hawala Hobli, Mysore Taluk, Mysore by M/s. Gopalan Enterprises(SEIAA 141 CON 2018)

| Sl. | PARTICULARS | INFORMATION |
|-----|-------------|-------------|
|-----|-------------|-------------|

| | | |
|-----|--|---|
| No. | | |
| 1. | Name & Address of the Project Proponent | Mr. C. Gopalan Managing Partner, M/s. Gopalan Enterprises, #5, Richmond Road, Bengaluru - 560 025 |
| 2. | Name & Location of the Project | Plot No. 1 & 1-P, Sy. No. 108(P), 111(P), 112(P), 114(P), 115(P), 124(P), 125(P), 197(P) & 198(P), 3rd Phase Koorgalli Industrial Area, Koorgalli Village, Ilawala Hobli, Mysuru Taluk, Mysuru |
| 3. | Co-ordinates of the Project Site | Latitude : 12 Deg 36 Min 30.83 Sec N Longitude : 76 Deg 57 Min 07.03 Sec E |
| 4. | ENVIRONMENTAL SENSITIVITY | |
| a. | Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) | Lake is on Northern & Southeastern side of the project site, 30 m buffer has been given. Nala is on western side of the site, 12m buffer has been given |
| 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. | Nala is on western side of the site, 12m buffer has been given |
| 5. | TYPE OF DEVELOPMENT | |
| a. | Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other | Expansion of IT/ ITES SEZ |
| b. | Residential Township/ Area Development Projects | NA |
| 6. | Plot Area (Sqm) | 1,13,475.00 Sqm |
| 7. | Built Up area (Sqm) | 4,69,721.27 Sqm |
| 8. | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Proposed expansion of IT & ITES office building consists of 6 blocks,, Block A, B, C & D in 2B+G+10UF, Block F in 3B+G+10UF & Block G (Cafeteria) in 3B+G+2UF |
| 9. | Number of units in case of Construction Projects | NA |
| 10. | Number of Plots in case of Residential Township/ Area | NA |

| | | |
|-----|---|--|
| | Development Projects | |
| 11. | Project Cost (Rs. In Crores) | Rs.180 Crores |
| 12. | Recreational Area in case of Residential Projects / Townships | - |
| 13. | DETAILS OF LAND USE (SQM) | |
| a. | Ground Coverage Area | 31,669.75 Sqm |
| b. | Kharab Land | - |
| c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 45,703.12 Sqm |
| d. | Internal Roads | 22,910.05 Sqm |
| e. | Paved area | - |
| f. | Others Specify | Reserved Surface parking area =8,748.31 Sqm Service area = 4,443.77 Sqm |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | - |
| h. | Total | 1,13,475.00 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) | 2,80,036.24 m ³ |
| c. | Quantity of Excavated earth propose to be used in the Project site (in cubic meter) | 2,80,036.24 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 | KIADB |
| b. | Quantity of water for Construction in KLD | 110 KLD |

| | | | |
|-----|---|--|----------|
| c. | Quantity of water for Domestic Purpose in KLD | 45 KLD | |
| d. | Waste water generation in KLD | 43 KLD | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be collected & lifted by authorized agency for further treatment. | |
| II. | Operational Phase | | |
| a. | Total Requirement of Water in KLD | Fresh | 917 KLD |
| | | Recycled | 461KLD |
| | | Total | 1378 KLD |
| b. | Source of water | KIADB | |
| c. | Waste water generation in KLD | 1309 KLD | |
| d. | STP capacity | 1350 KLD | |
| e. | Technology employed for Treatment | Sequential Batch Reactor (SBR) Technology | |
| f. | Scheme of disposal of excess treated water if any | -- | |
| 16. | INFRASTRUCTURE FOR RAINWATER HARVESTING | | |
| a. | Capacity of sump tank to store Roof run off | 770 m ³ | |
| b. | No's of Ground water recharge pits | 35 Nos. | |
| 17. | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain. | |
| 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 local vendors. Construction debris -470 m ³ This will be reused within the site for road and pavement formation | |
| II. | Operational Phase | | |
| a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 3,134 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 | 4,544 kg/day Recyclable wastes will be handed over to authorized waste recyclers | |
| c. | Quantity of Hazardous Waste | Waste Oil Generation : 18.23 L/ running hour of | |

| | | |
|-----|--|--|
| | generation and mode of Disposal as per norms | DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| d. | Quantity of E waste generation and mode of Disposal as per norms | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. |
| 19. | POWER | |
| a. | Total Power Requirement - Operational Phase | 26,800 kW |
| b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 1,500 kVA - 25 Nos. |
| c. | Details of Fuel used for DG Set | 7,856.25 L/hr |
| d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | Energy savings achieved on common area & services will be 25 % |
| 20. | PARKING | |
| a. | Parking Requirement as per norms | 6092 Nos. |
| b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | 30m wide KIADB Road Koorgalli "A" |
| c. | Internal Road width (RoW) | 12 m (ROW) |

The proposal was placed before the committee for appraisal.

The proponent and Environmental consultant attended the 210th meeting held on 9th October 2018 to provide required 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 after discussion decided to appraise the proposal as B1 and had decided to recommend the proposal to SEIAA for issue of standard ToR for conducting EIA study in accordance with EIA Notification 2006 along with relevant guidelines. The committee also decided to prescribe the following additional ToRs:

- 1) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 2) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 3) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 4) Rain water harvesting/storage details may be worked out.

- 5) 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.
- 6) 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.
- 7) The applicability of buffer zone as per NGT order for water bodies and nalas may be studied and submitted.
- 8) Ground Water analysis results should include heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium.
- 9) Details of neighbouring industries may be submitted.

Accordingly ToRs were issued on 3-11-2018. The proponent has submitted the EIA report on 13-2-2019. The same is placed before the committee for appraisal.

The Proponent and Environment consultant attended the meeting to provided required clarification and additional information. The committee observed from the concept plan there are two lakes one at the northern end and another at the southeastern end for which the proponent has stated that he has maintained 30 meter buffer zone as per local CDP. In addition to two lakes there is one nala on the western side of the project site for which the proponent has stated that he has maintained 12 meter buffer zone as per the local CDP. The proponent has also stated that all these natural nalas have been rerouted by KIADB along the boundary line of the road and drains of sufficient capacity have been built by the road side in order to take entire flow of the catchment.

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

- 1) To submit the documents pertaining to rerouting of the nala by KIADB.
- 2) Surface water analysis showing the presence e-coli if any may be conducted and submitted.
- 3) Carbon foot print of the entire project during construction and during operation with suitable offsets may be detailed and submitted.
- 4) Baseline data of socioeconomic parameters may be studied and submitted.
- 5) Landuse/landcover analysis of the study area based on high resolution satellite imagery to be prepared and submitted.

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

218.52 Proposed Expansion of Bulk Drugs, Intermediates, Active Pharmaceutical Ingredients Manufacturing Unit Project at Plot Nos.101 A&B, 101P1, 100P4 KIADB Humnabad Industrial Area, Humnabad Taluk, Bidar District by M/s. Satyadeeptha Pharmaceuticals Ltd. (SEIAA 26 IND (VIOL) 2018)

| Sl No | PARTICULARS | INFORMATION |
|-------|-------------|-------------|
|-------|-------------|-------------|



| | | |
|---|---|--|
| 1 | Name & Address of the Project Proponent | Name: Dr. Ramakrishna (Managing Director) Flat No. 3-6-536, Raja Residency, 3-6-536, Road.No.7, Himayat Nagar, Hyderabad-500029. |
| 2 | Name & Location of the Project | M/S. Satyadeeptha Pharmaceuticals Ltd, Plot No.101, A & B, 101P1,100P4 KIADB, Humnabad, Bidar District, Karnataka-585530. |
| 3 | Co-ordinates of the Project Site | Latitude 17°45.949' N Longitude 77°5.634' E |
| 4 | Environmental Sensitivity | |
| | a. | Distance From nearest Lake/ River/ Nala Karanja Dam-Reservoir |
| | b. | Distance from Protected area notified under wildlife protection act No |
| | c. | Distance from the interstate boundary No |
| | d. | whether located in critically / severally polluted area as per the CPCB norms No Notified/Recognized polluted area within 15km distance (Aerial). |
| 5 | Type of Development as per schedule of EIA Notification, 2006 with relevant serial number | 5(f), Category 'B' It is an Existing project falls, under category B1 but as per MoEF & CC Notification amended on 14 th March 2017 even category B projects shall be appraised for grant of Environmental Clearance only by Violation Expert Appraisal Committee & Environmental Clearance will be granted by MoEF &CC. and uploaded to MoEF Portal, vide proposal no. IA/KA/IND2/68209/2017, dated 09.09.2017. Now, As per MOEF&CC gazette notification no. S.O.804 (E) dated 14 th March, 2017 and its subsequent amended gazette Notification No. S.O.1030 (E) dated 8 th March 2018 and OM F. No. Z-11013/22/2017-IA.II (M) dated 15 th March 2018 & 16 th March 2018, MoEF directed to appraise in SEAC/SEIAA. Now, Satyadeeptha Pharmaceuticals applying at Karnataka - SEIAA under 'B' Category. |
| 6 | New/ Expansion/ Modification/ Product | Expansion |

| | mix change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|--|--|---|-------------------|-------------------|-----------------|--|----------|----------|-------|---|-----------|----|---------|---|---|------------|----|-----|----|---|---------------------------------------|----|---------|---|---|---|----|-----|-----|---|--|----|---------|---|---|---|----|---------|---|---|----------------|---|----|----|---|-------------------------------------|---|----|----|---|---|---|----|----|----|--|---|----|----|----|--|---|----|----|----|------------------------|---|----|----|----|---|---|----|----|----|--|---|----|----|----|----------------------------------|---|----|----|
| 7 | Plot Area (Sq m) | 36421.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Built Up area (Sq m) | 15347.87 (Existing-13950.06 & Proposed-1397.81) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Component of developments | Existing Capacity (06 No's): 348 MTPA Deletion Capacity(04 No's): 264 MTPA Capacity Revision (02 No's): 84 to 216 MTPA New Addition: 476 MTPA Total capacity after proposed expansion(20 No's): 692MTPA Details given in Form-I Pt. No. 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Existing Products</th> <th colspan="3">Capacity (MTPA)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ibuprofen</td> <td>72</td> <td>Deleted</td> <td>0</td> </tr> <tr> <td>2</td> <td>Gabapentin</td> <td>48</td> <td>-12</td> <td>36</td> </tr> <tr> <td>3</td> <td>1 ACETYL 4-(4-HYDROXYPHENOL)PIPERZINE</td> <td>96</td> <td>Deleted</td> <td>0</td> </tr> <tr> <td>4</td> <td>(1S, 4R) -4-(2-AMINO-6-CHLORO-5- FORMIDO-4-PYRIMIDINYLAMINO)-2- CYCLOPENTENE-1-METHANOL (AFC) intermediate Abacavir Sulphate</td> <td>36</td> <td>144</td> <td>180</td> </tr> <tr> <td>5</td> <td>STAGE – II EFAVIREN intermediate for Efavirenz</td> <td>60</td> <td>Deleted</td> <td>0</td> </tr> <tr> <td>6</td> <td>(2S)-2-AMINO BUTANAMIDE HYDROCHLORIDE (ABH)</td> <td>36</td> <td>Deleted</td> <td>0</td> </tr> <tr> <td>7</td> <td>Abcavir Base 2</td> <td>0</td> <td>36</td> <td>36</td> </tr> <tr> <td>8</td> <td>Amino Alcohol hydrochloride (AAHCI)</td> <td>0</td> <td>36</td> <td>36</td> </tr> <tr> <td>9</td> <td>1(S) Benzyl-2(R) 3-epoxy propyl carbamic acid butyl ester (EPR)</td> <td>0</td> <td>24</td> <td>24</td> </tr> <tr> <td>10</td> <td>T-Boc Hydrazine (Atzanavir Intermediate) TBH-2</td> <td>0</td> <td>24</td> <td>24</td> </tr> <tr> <td>11</td> <td>(3R,3aS,6aR)-Hexahydrofuro-[2,3-b]-furan-3-yl-4-nitrophenyl carbonate (or) DAR-IIA</td> <td>0</td> <td>24</td> <td>24</td> </tr> <tr> <td>12</td> <td>Boc epoxide (or) BOE-2</td> <td>0</td> <td>24</td> <td>24</td> </tr> <tr> <td>13</td> <td>5-benzyl[(2s,3s)-4-chloro-3hydroxy-1-phenylbutane-2-yl]carbamate or ZOE-3</td> <td>0</td> <td>36</td> <td>36</td> </tr> <tr> <td>14</td> <td>(2S,3S,5S)-2-Amino-3-Hydroxy-5-(1-tetra hydro pyrimid-2-onyl)-3-methyl butanoyl) amino-1,6-diphenyl hexane-S-pyro glutamate (Lopinavir Intermediate) THP</td> <td>0</td> <td>36</td> <td>36</td> </tr> <tr> <td>15</td> <td>Piperidine sulfamoyl dimer (PSD)</td> <td>0</td> <td>12</td> <td>12</td> </tr> </tbody> </table> | | Existing Products | Capacity (MTPA) | | | Existing | Proposed | Total | 1 | Ibuprofen | 72 | Deleted | 0 | 2 | Gabapentin | 48 | -12 | 36 | 3 | 1 ACETYL 4-(4-HYDROXYPHENOL)PIPERZINE | 96 | Deleted | 0 | 4 | (1S, 4R) -4-(2-AMINO-6-CHLORO-5- FORMIDO-4-PYRIMIDINYLAMINO)-2- CYCLOPENTENE-1-METHANOL (AFC) intermediate Abacavir Sulphate | 36 | 144 | 180 | 5 | STAGE – II EFAVIREN intermediate for Efavirenz | 60 | Deleted | 0 | 6 | (2S)-2-AMINO BUTANAMIDE HYDROCHLORIDE (ABH) | 36 | Deleted | 0 | 7 | Abcavir Base 2 | 0 | 36 | 36 | 8 | Amino Alcohol hydrochloride (AAHCI) | 0 | 36 | 36 | 9 | 1(S) Benzyl-2(R) 3-epoxy propyl carbamic acid butyl ester (EPR) | 0 | 24 | 24 | 10 | T-Boc Hydrazine (Atzanavir Intermediate) TBH-2 | 0 | 24 | 24 | 11 | (3R,3aS,6aR)-Hexahydrofuro-[2,3-b]-furan-3-yl-4-nitrophenyl carbonate (or) DAR-IIA | 0 | 24 | 24 | 12 | Boc epoxide (or) BOE-2 | 0 | 24 | 24 | 13 | 5-benzyl[(2s,3s)-4-chloro-3hydroxy-1-phenylbutane-2-yl]carbamate or ZOE-3 | 0 | 36 | 36 | 14 | (2S,3S,5S)-2-Amino-3-Hydroxy-5-(1-tetra hydro pyrimid-2-onyl)-3-methyl butanoyl) amino-1,6-diphenyl hexane-S-pyro glutamate (Lopinavir Intermediate) THP | 0 | 36 | 36 | 15 | Piperidine sulfamoyl dimer (PSD) | 0 | 12 | 12 |
| | | | | | Existing Products | Capacity (MTPA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Existing | Proposed | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | Ibuprofen | 72 | Deleted | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 | Gabapentin | 48 | -12 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 3 | 1 ACETYL 4-(4-HYDROXYPHENOL)PIPERZINE | 96 | Deleted | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 | (1S, 4R) -4-(2-AMINO-6-CHLORO-5- FORMIDO-4-PYRIMIDINYLAMINO)-2- CYCLOPENTENE-1-METHANOL (AFC) intermediate Abacavir Sulphate | 36 | 144 | 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5 | STAGE – II EFAVIREN intermediate for Efavirenz | 60 | Deleted | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | (2S)-2-AMINO BUTANAMIDE HYDROCHLORIDE (ABH) | 36 | Deleted | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7 | Abcavir Base 2 | 0 | 36 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8 | Amino Alcohol hydrochloride (AAHCI) | 0 | 36 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9 | 1(S) Benzyl-2(R) 3-epoxy propyl carbamic acid butyl ester (EPR) | 0 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 | T-Boc Hydrazine (Atzanavir Intermediate) TBH-2 | 0 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11 | (3R,3aS,6aR)-Hexahydrofuro-[2,3-b]-furan-3-yl-4-nitrophenyl carbonate (or) DAR-IIA | 0 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12 | Boc epoxide (or) BOE-2 | 0 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 5-benzyl[(2s,3s)-4-chloro-3hydroxy-1-phenylbutane-2-yl]carbamate or ZOE-3 | 0 | 36 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | (2S,3S,5S)-2-Amino-3-Hydroxy-5-(1-tetra hydro pyrimid-2-onyl)-3-methyl butanoyl) amino-1,6-diphenyl hexane-S-pyro glutamate (Lopinavir Intermediate) THP | 0 | 36 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Piperidine sulfamoyl dimer (PSD) | 0 | 12 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|--------------|--|------------|------------|------------|
| 16 | Piperdine sulfamoyl dimer (SLD-3) | 0 | 12 | 12 |
| 17 | (2S,4S)-1-(tert-butoxycarbonyl)-4-(methoxymethyl)-L-proline (or) VEL-1 | 0 | 12 | 12 |
| 18 | Methyl 5-[(2,4-difluorobenzyl)carbamoyl]-3-methoxy-4-oxo-1-(2-oxoethyl)-1,4-dihydropyridine-2-carboxylate (or) DTS-3 | 0 | 24 | 24 |
| 19 | (2R,3S/2S,3R)-3-(4-Chloro-5-fluoropyrimidin-6-yl)-2-(2,4-difluorophenyl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol Hydrochloride (Chloro Voriconazole Intermediate) VRN | 0 | 12 | 12 |
| 20 | [1-[[[(1R)-1-[3-[(E)-2(7-Chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methyl ethyl)phenyl]propyl]sulfanyl]methyl]Cyclopropyl]acetic acid.dicyclohexylamine salt (Montelukast sodium Intermediate) MOS | 0 | 12 | 12 |
| 21 | Intermediate stage of Zofenopril Calcium (ZFC) | 0 | 24 | 24 |
| 22 | Hydroxy amide hydrochloride (BOI) | 0 | 6 | 6 |
| 23 | 2-Nitro-5-Chloro Acetanilide (Febental Intermediate) DM-1 | 0 | 24 | 24 |
| 24 | 1-(3 Chlorophenyl) Piperazine HCl (Trazadon Intermediate) TRZ | 0 | 72 | 72 |
| 25 | Hexahydrofuro[2,3-b]furan-3-ol (or) BIS-IV | 0 | 24 | 24 |
| 26 | R & D Products | 0 | 2 | 2 |
| Total | | 348 | 344 | 692 |

Proposed construction details are provided in Table 6-1 of PFR.

| | | |
|----|------------------------------|---|
| 10 | Project cost (Rs. In Crores) | INR 9.0 Crores |
| 11 | Details of Land Use (Sq m) | |
| a. | Ground Coverage Area | 15347.87 (Existing-13950.06 & Proposed-1397.81) |
| b. | Kharab Land | Nil |
| c. | Internal Roads | 4046.86 |
| d. | Paved area | |
| e. | Parking | NA |

| | | | |
|----|-------|--|---|
| | f. | Green belt | 12019.16, 33% |
| | g. | Others Specify | Vacant land= 5007.81 |
| | h. | Total | 36421.70 (9 Acres) |
| 12 | | Products and By-Products with quantity (enclose as Annexure if necessary) | Existing Capacity (06 No's): 348 MTPA Deletion Capacity(04 No's): 264 MTPA Capacity Revision (02 No's): 84 to 216 MTPA New Addition: 476 MTPA Total capacity after proposed expansion(20 No's): 692 MTPA Details given in Form-I Pt. No. 5 |
| 13 | | Raw material with quantity and their source (enclose as Annexure if necessary) | Raw materials requirement proposed products are given in Annexure-6. |
| 14 | | Mode of transportation of Raw material and storage facility | The raw materials and finished products will be transported by road. All chemical used in the process are stored in a designated area with proper labels in warehouse. Details provided in Form-I (II. Activity, Point 1.14) |
| 15 | | Transportation and storage facility for coal / Bio-fuel in case of thermal power plant | Not applicable |
| 16 | | Fly ash production, storage and disposal details whereas coal is used as fuel | Fly ash Will be sent to brick manufacturer. |
| 17 | | Complete process flow diagram and technology employed | Detailed process description and process flow are enclosed in Chapter-3, Section 3.6 of PFR and Annexure 2. |
| 18 | | Details of Plant and Machinery with capacity/ Technology used | Plant Machinery details provided in Pre-Feasibility Report Chapter 4, Section 4.6.3. & Table 4-4 & 4.5 of PFR |
| 19 | | Details of VOC emission and control measures wherever applicable | Details of emissions and control measures are enclosed in Chapter-3, Section 3.16 & Table 3-8 & 3-9 of PFR. |
| 20 | WATER | | |
| | I. | Construction Phase | |
| | a. | Source of water | Private tankers & bore well |
| | b. | Quantity of water for Construction in KLD | 2 |
| | c. | Quantity of water for Domestic Purpose in | Nil |

| | | | |
|----|---|--|---------------|
| | KLD | | |
| d. | Waste water generation in KLD | Nil | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Nil | |
| II | Operational Phase | | |
| a. | Source of water | Bore well | |
| b. | Total Requirement of Water in KLD | Fresh | 69.5 |
| | | Recycled | 77 |
| | | Total | 146.50 |
| c. | Requirement of water for industrial purpose / production in KLD | Fresh | 67 |
| | | Recycled | 65.5 |
| | | Total | 132.5 |
| d. | Requirement of water for domestic purpose in KLD | Fresh | 2.5 |
| | | Recycled | 7.5 |
| | | Total | 10.0 |
| e. | Waste water generation in KLD | Industrial effluent | 119 |
| | | Domestic sewage | 10.5 |
| | | Total | 129.5 |
| f. | ETP/ STP capacity | Existing: Domestic sewage sent to septic tank followed by Soak pit. Industrial effluent will be collected and neutralized in collection Tank. Sludge from neutralization tank sent to TSDF after dewater and liquid effluent sent to MEE (30KLD) Proposed: Domestic Sewage will be routed to proposed ETP. Industrial Effluent will be treated in ETP (150 KLD) and RO reject sent to MEE (125 KLD) | |
| g. | Technology employed for Treatment | Industrial effluent : ZLD. Sewage: Septic tank followed by Soak Pit | |
| h. | Scheme of disposal of excess treated water if any | Treated water recycled. Solid will be sent to TSDF | |
| 21 | Infrastructure for Rain water harvesting | Will Provide in EIA Report | |
| 22 | Storm water management plan | Will Provide in EIA Report | |
| 23 | Air Pollution | -Details provided in Chap-3, Sec. 3.16 and Table 3-8 & 3-9. | |
| a. | Sources of Air pollution | Reactors, TFH and Boilers | |
| b. | Composition of Emissions | Acid Fumes/VOC, SO ₂ , NO ₂ & PM | |

| | | | | | | | | | | |
|----|---|--|---|--|-------------------|-------------------|-------------------|--------|----------------|-----|
| | c. | Air pollution control measures proposed and technology employed | Scrubbers, Bag filter & Stacks as per CPCB guideline | | | | | | | |
| 24 | Noise Pollution | | | | | | | | | |
| | a. | Sources of Noise pollution | DG sets and Boilers | | | | | | | |
| | b. | Expected levels of Noise pollution in dB | App., 70 to 75 dB(A) | | | | | | | |
| | c. | Noise pollution control measures proposed | Sound acoustic and Noise insulators | | | | | | | |
| 25 | WASTE MANAGEMENT | | | | | | | | | |
| | I. | Operational Phase | | | | | | | | |
| | a. | Quantity of Solid waste generated per day and their disposal | Biodegradable (kg/d) | Construction Phase-2.4 Operation Phase-50.4 | | | | | | |
| | | | Non- Biodegradable (kg/d) | Construction Phase-2.6 Operation Phase-54.6 | | | | | | |
| | b. | Quantity of Hazardous Waste generation with source and mode of Disposal as per norms | HWM details are provided in chapter-3, Section 3.17 & Table 3-13 of PFR | | | | | | | |
| | c. | Quantity of E waste generation with source and mode of Disposal as per norms | NA | | | | | | | |
| 26 | Risk Assessment and disaster management | | Will be provided in EIA. | | | | | | | |
| 27 | POWER | | | | | | | | | |
| | a. | Total Power Requirement in the Operational Phase with source | S.N | Description | Existing Capacity | Proposed Capacity | Total Capacity | Source | | |
| | | | 1 | Power requirement | 1500KVA | Nil | 1500KVA | GESCOM | | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | S.N | Description | Existing Capacity | Qty | Proposed Capacity | Qty | Total Capacity | Qty |
| | | | 1 | D.Gset (KVA) | 1x380 & 1X750 | 2 | 1x380 | 1 | 2x380 & 1X750 | 3 |

| | | S.N | Description | Existing | Proposed | Total | Source |
|----|--|----------------------------------|-----------------------------------|------------------------|-------------------------|-------------------------|---|
| | | | | Capacity | Capacity | Capacity | |
| c. | Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc., | 1 | Diesel requirement (lts/day) | Approx 300 | Approx 200 | Approx 500 | HP |
| | | 2 | Boiler Fuel-Coal (TPD) | Coal:8 or Briquette:10 | Coal:15 or Briquette:20 | Coal:23 or Briquette:30 | Coal: singareni, Briquette: Kushal inds |
| d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | NA | | | | | |
| 28 | PARKING | | | | | | |
| | a. | Parking Requirement as per norms | Parking will provide as per norms | | | | |
| | b. | Internal Road width (RoW) | Will be provided in EIA. | | | | |
| 29 | Any other information specific to the project (Specify) | | No | | | | |

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

M/s. Satyadeeptha Pharmaceuticals Ltd is an existing industry and engaged in manufacture of bulk drugs intermediates, Active pharmaceuticals ingredients. The project falls under schedule 5(f), synthetic Organic chemicals under category B. The present proposal is for expansion. Since the industry was operating without E.C, it comes under violation category.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. The proponent has requested the committee to permit him to adopt the baseline studies made during March to May 2017 for the same project under the pretext that the baseline studies done for the same project holds good for three years for which the committee has accepted. The committee decided to recommend the proposal to SEIAA for issue of Standard ToRs and following additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines and to conduct public hearing.

1. CFE and CFO along with the compliance

2. Quantification of the each product and raw material
3. Scheme proposed for storing of coal, products and by products
4. Material balance and mass balance for all the products
5. Detailed study of the soil analysis inside the premises of the industry is to be done and provided
6. Raw material to product and product to waste generation ratio for each product to be given
7. Manufacturing of Gabapentene to be dropped from the products list which is accepted by the proponent
8. 2 TPA of R&D material is proposed for which raw material requirement details along with the waste generation details to be furnished
9. Predicted concentration of EDC and MDC to be explained.
10. Detail of solid waste generated with recovery process and losses as per international standards to be explained
11. Impact on the adjacent Industry/agriculture land due to this activity within 2 km radius
12. Water analysis to be done for all the parameters for all the nearby borewells within 2 km radius
13. Existing greenbelt details and proposed with design to be provided
14. Justification for the steam requirement, water requirement and energy requirement with process details
15. Storage and safety measures taken in the hydrogenation process to be explained in EIA
16. Raney nickel is to be replaced with palladium/carbon in the hydrogenation process
17. In the monitoring protocols of the ambient air, VOC to be incorporated
18. Solvent storage and solvent recovery scheme to be explained
19. Green chemistry adopted in the process to be highlighted
20. List of banned chemicals to be provided with alternative chemicals to replace the banned chemicals
21. 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.
22. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
23. Highlight the green chemistry 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.
24. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NAB, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

25. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
26. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
27. The Proponent shall assess the environmental damage done due to use of septic tank and soak pit.

Accordingly ToRs were issued on 5-7-2018. The Proponent has submitted the EIA report on 18-2-2019. The proponent was invited for the meeting to provide required clarification/information.

The proponent and Environment consultant attended the 218th meeting held on 13-3-2019 for EIA appraisal. The committee after discussion decided to reconsider after submission of the following information.

- 1) Damage due to putting up of septic tank and for not putting up dyke wall and the remedial measures for the same may be studied and submitted.
- 2) Quantification of the damage due to Air, Water, Noise pollution in respect to community and resource augmentation (damage on the ecology, crop, health of human, animals, avian and biological species) and remediation measures need to be reworked and submitted.
- 3) Quantification of remediation cost, providing details of calculation.
- 4) Submission of revised plan to strengthen the existing green belt with native broad leaved tree species in three tiers all along the project boundary.
- 5) To categorize the fauna found in the study area as per wild life protection Act 1972 and submit Wild life conservation plan prepared in consultation with Forest Department to conserve and protect Schedule-I fauna along with budget backup to implement in a time bound manner.
- 6) Safety precautions for use of Toluene if the toluene use is inevitable.
- 7) Bioremediation adopted for soil contamination to be worked out and submitted.
- 8) Fugitive emission report periodically being done may be submitted.
- 9) Geological map of study area to be submitted.

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

Fresh Subjects:

218.53 Proposed Commercial Building Project located at Municipal No.91, Sy.No.75/3B (Old Sy.No.75/3B1) Sy.No.75/3B (old Sy.No.75/3B2) Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District, Bangalore by M/s. Krishvi Projects Pvt. Ltd. (SEIAA 22 CON 2019)

| Sl. No. | PARTICULARS | INFORMATION |
|---------|---|--|
| 1 | Name & address of the project proponent | Mrs. Mamatha Dinesh, Director. M/s. Krishvi Projects Private Limited, No. 2, Krishvi, 1st Floor, HAL Airport Road, Domlur, Bangalore - 560 071. |
| 2 | Name & location of the project | Proposed Commercial Development Project, Municipal No. 91, Sy. No. 75/3B (Old Sy. No. 75/3B1), Sy. No. 75/3B (Old Sy. No. 75/3B2), Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District, Bangalore. |
| 3 | Co - ordinates of the project site | Latitude: 12.932211 N Longitude: 77.697364 E |
| 4 | Environmental sensitivity | |
| | a. Distance from periphery of the nearest lake and other water bodies (lake, rajakaluve, nala, etc.) | NA |
| | b. Type of water body at the vicinity of the project site and details of buffer provided as per NGT direction in O.A. 222 of 2014 dated 04.05.2016, if applicable | NA |
| 5 | Type of development | |
| | a. New/ Expansion/Modification | New |
| | b. Residential apartment /Villas/ Row houses/ Vertical development / Office/ IT /ITES/ Mall/ Hotel/ Hospital/ other | "Construction of Commercial Development Project" |
| | c. Residential township / Area development projects | -- |
| 6 | Plot area (Sqmt) | 9912.70 sq.mt. |
| 7 | Built up area (Sqmt) | 27987.15 sq.mt. |
| 8 | Building configuration (number of blocks/ towers/ wings etc., with numbers of basement and upper floor) | 2BF + GF + 10 UF +TF |
| 9 | Number of units in case of construction projects | -- |
| 10 | Number of plots in case of Residential township / Area development projects | -- |
| 11 | Project cost (Rs. In Crores) | Rs. 39,42,49,000.00 |
| 12 | Residential area in case of residential projects/ townships | -- |
| 13 | Details of land use (Sqmt) | |

| | | |
|-----|---|---|
| a. | Ground coverage area | 1661.81 sq.mt. |
| b. | Kharab land | -- |
| c. | Total green belt on mother earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 3485.30 sq.mt. |
| d. | Internal roads | 4765.59 sq.mt. |
| e. | Paved area | |
| f. | Other specify | |
| g. | Parks & open space in case of residential township/ area development projects | -- |
| h. | Total | 9912.70 sq.mt. |
| 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 | 150 cum |
| b. | Total quantity of excavated earth | 8300 cum |
| c. | Quantity of excavated earth propose to be used in the project site (in cubic meter) | 8300 cum |
| d. | Excess excavated earth (in cubic meter) | -- |
| e. | Plan for scientific disposal of excess excavated earth along with co-ordinate of the site proposed for such disposal | -- |
| 15 | WATER | |
| I. | Construction phase | |
| a. | Source of water | Sourced through tankers via external agencies& Treated water from BWSSB STP. |
| b. | Quantity of water for construction in KLD | 10 KLD |
| c. | Quantity of water for domestic purpose in KLD | 2.7 KLD |
| d. | Wastewater generation in KLD | 2.16 KLD |
| e. | Treatment facility proposed and scheme of disposal of treated water | The total domestic wastewater generated during construction phase will be collected in Septic tank and lifted to BWSSB STP for treatment. |
| II. | Operation phase | |
| a. | Total requirement of water in KLD | 97 KLD |
| b. | Source of water | Borewell & Tankers |
| c. | Waste water generation in KLD | 77.6 KLD |
| d. | STP capacity | 85 KLD |
| e. | Technology employed for treatment | SBR |
| f. | Scheme of disposal of excess treated water if any | -- |

| | | |
|----|--|--|
| 16 | Infrastructure for rain water harvesting | |
| | a. | Capacity of sump tank to store the roof runoff 50 cum roof top water collection sump |
| | b. | No's of ground water recharge pits Total number of deep recharge pits proposed: 30 Nos. |
| 17 | Storm water management plan Total 50 m ³ roof rain water collection sump and 30 Nos. of deep recharge pits will be provided all along the storm water drain. Excess runoff will be routed to the external storm water drain. | |
| 18 | WASTE MANAGEMENT | |
| | I. | Construction phase |
| | a. | Quantity of solid waste generation and mode disposal as per norms Total solid waste generation will be 6 kg/day; which will be disposed by contractor |
| | II | Operational phase |
| | a. | Quantity of biodegradable waste generation and mode of disposal as per norms 194.22 kg /day; which will be processed in proposed organic waste converter. |
| | b. | Quantity of non-biodegradable waste generation and mode of disposal as per norms 129.48 kg/day; which will be handed over to the recyclers. |
| | c. | Quantity of hazardous waste generation and mode of disposal as per norms -- |
| | d. | Quantity of E- waste generation and mode of disposal as per norms -- |
| 19 | POWER | |
| | a. | Total power requirement -operational phase 1611 KW |
| | b. | Numbers of DG set and capacity in KVA for standby power supply 500 KVA X 3 No. |
| | c. | Details of fuel used for DG set 321 liters/hr of diesel |
| | d. | Energy conservation plan and percentage of savings including plan for utilization of solar energy as per ECBC 2007 Total energy savings will be 19.72 %. |
| 20 | PARKING | |
| | a. | Parking requirement as per norms Car parking required: 404 cars Car parking provided: 405 cars |
| | b. | Level of service (LOS) of the connecting roads as per the traffic study report Bangalore Hyderabad highway: BSR Paradise Road (2 lanes undivided): LOS B Doddakannelli-Kaadubeesanahalli Road (3 lanes undivided): LOS-C Panathur main Road (2 lanes |

| | | |
|----|---|---|
| | | undivided): LOS B |
| c. | Internal road width (RoW) | Internal fire driveway within the project site: 8 m wide Approach road width: BSR paradise road (9 m wide) |
| 21 | Any other information specific to the project (specify) | -- |

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

The proponent was invited for the 218th meeting held on 13-3-2019 to provide required clarification. The proponent remained absent and submitted a letter dated: 8-3-2019 informing about their prescheduled works and not able to attend the meeting.

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

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

218:54 Proposed Residential Apartment Project at Sy.No.53 of Halehalli Village, Bidaralli Hobli, Bangalore East Taluk, Bangalore by M/s. DS-MAX Properties Pvt Ltd.,(SEIAA 26 CON 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | M/S DS-MAX PROPERTIES Pvt Ltd, #1854, 17th Main Road, 30th 'B' Cross, 1st stage, 5th Block, HBR Layout, Bengaluru, Karnataka 560043 |
| 2 | Name & Location of the Project | Proposed Residential Apartment project by M/S DS-MAX PROPERTIES Pvt Ltd at, Sy. No 53 of Halehalli Village, Bidaralli Hobli, Bangalore East Taluk, Bangalore. |
| 3 | Co-ordinates of the Project Site | Latitude: 13°02'08.44"N Longitude 77°42'7.31"E |
| 4 | Environmental Sensitivity | |
| a. | Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) | Kitnur lake 750 m (E) Ramapura Lake 2.00 Kms (NW) Primary Nala is at North of the site for which 50 m buffer is left |
| 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 | There is no lake within 75 meter from the site boundary. Primary Nala is at North of the site for which 50 m buffer is left |

| | | |
|----|---|---|
| | Applicable. | |
| 5 | Type of Development | |
| a. | Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other | Residential Apartment |
| b. | Residential Township/ Area Development Projects | No |
| 6 | Plot Area (Sqm) | 5778.52 sq.m. |
| 7 | Built Up area (Sqm) | 24899.24 sq.m |
| 8 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Construction of Residential Apartment project comprising of 1 building having 2 Basements + Ground Floor + 4 Upper Floors + Terrace Floor with total of 225 units. The total site area is 7,988.34 sq.m.. Net site area is 5778.52 sq.m. The Gross BUA is 24899.24 sq.m. |
| 9 | Number of units in case of Construction Projects | Total Number of Units is 225 Nos. |
| 10 | Number of Plots in case of Residential Township/ Area Development Projects | - |
| 11 | Project Cost (Rs. In Crores) | 50 Crores |
| 12 | Recreational Area in case of Residential Projects / Townships | Playground area - 233.38 .m. And Senior Citizen allocated area - 200sq.m. Total Recreational Ground area = 433 sq.m (7.5% of total plot area) Gym = 433 Sq.m. Total Recreational area = 866 sq.m (15% of Net plot area); |
| 13 | Details of Land Use (Sqm) | |
| a. | Ground Coverage Area | 2,860.91sq.m (35.81%) |
| b. | Kharab Land | Nil |
| c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 2,636.15sq.m (33%) |
| d. | Internal Roads | 2,491.28sq.m. (31.19%) |
| e. | Paved area | - |
| f. | Others Specify | - |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | NA |
| h. | Total | 7,988.34 sq.m. |
| 14 | Details of demolition debris and / or Excavated earth | |
| a. | Details of Debris (in cubic | No demolition is involved. |

| | | | | | | | | | |
|----------|--|---|---|-------|------|----------|----------------------|-------|--------|
| | | meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable | | | | | | | |
| | b. | Total quantity of Excavated earth (in cubic meter) | 42,550.74 cu.m. | | | | | | |
| | c. | Quantity of Excavated earth propose to be used in the Project site (in cubic meter) | 42,550.74 cu.m. | | | | | | |
| | d. | Excess excavated earth (in cubic meter) | Nil | | | | | | |
| | e. | Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal | No disposal | | | | | | |
| 15 | WATER | | | | | | | | |
| | I. | Construction Phase | | | | | | | |
| | a. | Source of water | From Nearby treated water suppliers | | | | | | |
| | b. | Quantity of water for Construction in KLD | 50 KLD | | | | | | |
| | c. | Quantity of water for Domestic Purpose, in KLD | 10 KLD | | | | | | |
| | d. | Waste water generation in KLD | 8 KLD | | | | | | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | The sewage generated during the construction phase will be treated in the Mobile STP | | | | | | |
| | II. | Operational Phase | | | | | | | |
| | a. | Total Requirement of Water in KLD | <table border="1"> <tr> <td>Fresh</td> <td>46.3</td> </tr> <tr> <td>Recycled</td> <td>50.63 +60.01 =110.64</td> </tr> <tr> <td>Total</td> <td>156.94</td> </tr> </table> | Fresh | 46.3 | Recycled | 50.63 +60.01 =110.64 | Total | 156.94 |
| Fresh | 46.3 | | | | | | | | |
| Recycled | 50.63 +60.01 =110.64 | | | | | | | | |
| Total | 156.94 | | | | | | | | |
| | b. | Source of water | BWSSB | | | | | | |
| | c. | Waste water generation in KLD | 149.09KLD | | | | | | |
| | d. | STP capacity | 175 KLD | | | | | | |
| | e. | Technology employed for Treatment | SBR Technology | | | | | | |
| | f. | Scheme of disposal of excess treated water if any | No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis | | | | | | |
| 16 | Infrastructure for Rain water harvesting | | | | | | | | |
| | a. | Capacity of sump tank to store Roof run off | 154 cu.m. | | | | | | |
| | b. | No's of Ground water recharge | 28 Nos. | | | | | | |

| | | | |
|----|-----------------------------|---|--|
| | | pits | |
| 17 | Storm water management plan | The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water | |
| 18 | WASTE MANAGEMENT | | |
| | I. | Construction Phase | |
| | a. | Quantity of Solid waste generation and mode of Disposal as per norms | No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. |
| | II. | Operational Phase | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 270 kg/day. Biodegradable waste will be converted in organic convertor. |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | 180 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Nil |
| | d. | Quantity of E waste generation waste generation and mode of Disposal as per norms | E-waste generation will be very less |
| 19 | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 1000 kVA |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 4 X 250 kVA |
| | c. | Details of Fuel used for DG Set | HSD |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | <ul style="list-style-type: none"> • Energy saved by using Solar water Heater : 50000 kWh/ Year.....(a) • Solar Power Generation : • In non-monsoon season 100kWH x 30 x 8 Months = 24000kWH • In monsoon season 40kWH x 30 x 4 Months = 4800 kWh • Total SPV Power Generation in a year = 0.28 L kWh / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year |



| | | | |
|----|--|--|---|
| | | | $= (a)+(b)= 0.50 + 0.28 \text{ L KWH} = 0.78 \text{ L / Annum}$ $\dots\dots(c)$ <ul style="list-style-type: none"> Total energy savings = 26.71 % |
| 20 | PARKING | | |
| a. | Parking Requirement as per norms | | One car spacing for 1 units as the floor area is between 50 sq.m. to 225 sq.m = 60 One car spacing for 2 units as the floor area is below 50 sq.m. = 195 Parking required is =151 Nos Total car Parking required as per NBC= 151 Parking Provided is 203 Ecs which is as Per NBC and MoEF Norms |
| b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | | Halehalli Raoad-LOS - B |
| c. | Internal Road width (RoW) | | 6 m |

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

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map that there is one primary nala on the northern side of the site for which the proponent has stated that he has left 50 meter buffer zone.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

218.55 Proposed Residential Apartment Project at Sy.No.183 of Chikkanagamangala village, Sarjapura Hobli, Anekal Taluk, Bangalore by Sri. C.D Nagappa and others(SEIAA 25 CON 2019)

| Sl. | PARTICULARS | INFORMATION |
|-----|-------------|-------------|
|-----|-------------|-------------|

| | | |
|----|--|---|
| No | | |
| 1 | Name & Address of the Project Proponent | Sri. C.D.Nagappa & Others, Chikkanagamangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban District. |
| 2 | Name & Location of the Project | Proposed Residential Apartment project of C.D. Nagappa & Others at Sy. No 183 of Chikkanagamangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore. |
| 3 | Co-ordinates of the Project Site | Longitude: 77°41'34.61"E Latitude: 12°51'57.63"N |
| 4 | Environmental Sensitivity | |
| | a. | Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Gulinagamangala lake -1.09 kms(SE). |
| | b. | Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. There are no lake or nala within 75 meter from the 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 No |
| 6 | Plot Area (Sqm) | 16,490.80sq.m |
| 7 | Built Up area (Sqm) | 68,798.96 sq.m. |
| 8 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Construction of Residential Apartment project comprising of 2 Basements + Ground Floor + 12 Upper Floors + Terrace Floor with total of 663 units. |
| 9 | Number of units in case of Construction Projects | Total Number of Units is 663 Nos. |
| 10 | Number of Plots in case of Residential Township/ Area Development Projects | - |
| 11 | Project Cost (Rs. In Crores) | 138 |
| 12 | Recreational Area in case of Residential Projects / Townships | Playground area - 442.88 sq.m. And Senior Citizen allocated area - 420.5 sq.m. Cycling track -373.43 sq.m. Total recreational ground area = |

| | | |
|----|---|---|
| | | 1236.75 Sq.m. (7.5% of plot area); Gym and Indoor games on Ground floor: 1236.81 sq.m. (7.5% of plot area). Total recreational area = 2473.5 Sq.m. (15% of plot area) |
| 13 | Details of Land Use (Sqm) | |
| | a. | Ground Coverage Area 3221.85 sq.m (19.54%) |
| | b. | Kharab Land Nil |
| | c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 5,441.70 sq.m (33.00%) |
| | d. | Internal Roads 7,826.45 sq.m. (47.46 %) |
| | e. | Paved area - |
| | f. | Others Specify - |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects NA |
| | h. | Total 16,490.80 sqm (Net Site Area) |
| 14 | Details of demolition debris and / or Excavated earth | |
| | a. | Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable No demolition is involved. |
| | b. | Total quantity of Excavated earth (in cubic meter) 1,20,789.90 cu.m. |
| | c. | Quantity of Excavated earth propose to be used in the Project site (in cubic meter) 1,20,789.90 cu.m. |
| | d. | Excess excavated earth (in cubic meter) Nil |
| | e. | Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal No disposal |
| 15 | WATER | |
| | I. | Construction Phase |
| | a. | Source of water From Nearby treated water suppliers |
| | b. | Quantity of water for Construction in KLD 50 KLD |
| | c. | Quantity of water for Domestic Purpose in KLD 10 KLD |
| | d. | Waste water generation in KLD 8 KLD |

| | | | |
|-----|---|--|----------------------|
| e. | Treatment facility proposed and scheme of disposal of treated water | The sewage generated during the construction phase will be treated in the Mobile STP | |
| II. | Operational Phase | | |
| a. | Total Requirement of Water in KLD | Fresh | 133.25 |
| | | Recycled | 180.25+149.00=329.25 |
| | | Total | 462.5 |
| b. | Source of water | Gramapanchyath Shanthipura | |
| c. | Waste water generation in KLD | 439.5 | |
| d. | STP capacity | 520 KLD | |
| e. | Technology employed for Treatment | SBR Technology | |
| f. | Scheme of disposal of excess treated water if any | No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis | |
| 16 | Infrastructure for Rain water harvesting | | |
| a. | Capacity of sump tank to store Roof run off | 174 cu.m. | |
| | No's of Ground water recharge pits | 47 Nos. | |
| 17 | Storm water management plan | The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water | |
| 18 | WASTE MANAGEMENT | | |
| I. | Construction Phase | | |
| a. | Quantity of Solid waste generation and mode of Disposal as per norms | No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. | |
| II. | Operational Phase | | |
| a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 795.6 kg/day. Biodegradable waste will be converted in organic convertor. | |
| b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | 530.4 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers | |
| c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Nil | |
| d. | Quantity of E waste generation | E-waste generation will be very less | |

| | | | |
|----|---------|--|---|
| | | waste generation and mode of Disposal as per norms | |
| 19 | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 3000 kVA |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 5 X 600 kVA |
| | c. | Details of Fuel used for DG Set | HSD |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | <ul style="list-style-type: none"> • Energy saved by using Solar water Heater : 1,00,000 kWh/ Year.....(a) • Solar Power Generation : • In non-monsoon season 300kWH x 30 x 8 Months = 72,000kWH • In monsoon season 250kWH x 30 x 4 Months = 30,000 kWh • Total SPV Power Generation in a year = 1.02 L kWh / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 1.00 + 1.02 L KWH = 2.02 L / Annum(c) • Total energy savings = 23.059 % |
| 20 | PARKING | | |
| | a. | Parking Requirement as per norms | One car spacing for 2 Total units as the floor area is less than 50 sq.m. = $918/2+10\%$ visitors Parking required is 459 cars Total car Parking required as per NBC=366 Parking Provided is 595 Ecs which is as Per NBC and MoEF Norms |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Rayasandra Main road-LOS - A |
| | c. | Internal Road width (RoW) | 6 m |

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

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted that as per the old village survey map this particular piece of land is in Sy.No.37, whereas Sy.No.37 has been subdivided into number of blocks and this particular piece of land shown as situated in Sy.No.183 and while mentioning boundaries for this piece

of land it has been mentioned as Sy.No.77 & 78 on the southern side of this project site. As seen from the village map there are no water bodies either in the form of lake or natural nalas which attracts buffer zone as per NGT order.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

218.56 Proposed Residential Group housing project at Sy.No.179, 182/1, 182/2 of Kaggalipura Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore by M/s. Emerald Haven Realty Ltd., (SEIAA 27 CON 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|--|
| 1 | Name & Address of the Project Proponent | Mr. V Ganesh Chief Executive Officer M/s. Emerald Haven Realty Limited First Floor, Greenways towers, No. 119, St. Mary's Road, Abhirampuram, Chennai - 600018 |
| 2 | Name & Location of the Project | Proposed Residential group housing project by M/s. Emerald Haven Realty Limited at Sy.No 179, 182/1,182/2 of Kaggalipura Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore. |
| 3 | Co-ordinates of the Project Site | Longitude: 77°30'57.61"E Latitude: 12° 49'5.4"N |
| 4 | Environmental Sensitivity | |
| a. | Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) | Kaggalipura Lake 0.349 km (SW) Primary Nala is at West and East side of the site 50 m buffer is left |
| 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 | There is no lake within 75 meter from the site boundary. Primary Nala is at West and East side of the site, 50 m buffer is left |

| | | |
|----|---|---|
| | 2014 dated 04.05.2016, if Applicable. | |
| 5 | Type of Development | |
| a. | Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other | Residential group housing |
| b. | Residential Township/ Area Development Projects | No |
| 6 | Plot Area (Sqm) | 25,747.77 sq.m. |
| 7 | Built Up area (Sqm) | 57,002 sq.m |
| 8 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Construction of Residential group housing project comprising 10 Buildings. Building No. 1, 4, 6, 7, 8 & 9 consists of 1 Basement + Ground Floor + 2 Upper Floors + Terrace Floor. Building No. 2, 3 & 5 consists of Ground Floor + 2 Upper Floors + Terrace Floor. Building No. 10 is for Club House which consists of Ground Floor + 2 Upper Floors + Terrace Floor. |
| 9 | Number of units in case of Construction Projects | Total Number of Units is 118 Nos. |
| 10 | Number of Plots in case of Residential Township/ Area Development Projects | - |
| 11 | Project Cost (Rs. In Crores) | 114 Crores |
| 12 | Recreational Area in case of Residential Projects / Townships | Playground area - 283.12sq.m. And Senior Citizen allocated area - 300sq.m. Cycling track - 731.08 sq.m. Park area = 2603.04 Sq.m. (10.36% of Net plot area); |
| 13 | Details of Land Use (Sqm) | |
| a. | Ground Coverage Area | 11,796.00 sq.m (45.81%) |
| b. | Kharab Land | Nil |
| c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 5,354.320 sq.m (21.33%) |
| d. | Internal Roads | 9,391.35 sq.m. (36.47%) |
| e. | Paved area | - |
| f. | Others Specify | 1,328.96 sq.m. (5.29%) - Civic amenities 628.42 sq.m. (2.44%) - Road area |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | NA |
| h. | Total | 25,747.77 sq.m. |

| | | | | | | | | |
|----------|---|---|-------|-------|----------|-----------------------|-------|-------|
| 14 | Details of demolition debris and / or Excavated earth | | | | | | | |
| a. | Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable | No demolition is involved. | | | | | | |
| b. | Total quantity of Excavated earth (in cubic meter) | 34,363.00 cu.m. | | | | | | |
| c. | Quantity of Excavated earth propose to be used in the Project site (in cubic meter) | 34,363.00 cu.m. | | | | | | |
| d. | Excess excavated earth (in cubic meter) | Nil | | | | | | |
| e. | Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal | No disposal | | | | | | |
| 15 | WATER | | | | | | | |
| I. | Construction Phase | | | | | | | |
| a. | Source of water | From Nearby treated water suppliers | | | | | | |
| b. | Quantity of water for Construction in KLD | 50 KLD | | | | | | |
| c. | Quantity of water for Domestic Purpose in KLD | 10 KLD | | | | | | |
| d. | Waste water generation in KLD | 8 KLD | | | | | | |
| e. | Treatment facility proposed and scheme of disposal of treated water | The sewage generated during the construction phase will be treated in the Mobile STP | | | | | | |
| II. | Operational Phase | | | | | | | |
| a. | Total Requirement of Water in KLD | <table border="1"> <tr> <td>Fresh</td> <td>25.99</td> </tr> <tr> <td>Recycled</td> <td>26.55 + 29.77 = 56.32</td> </tr> <tr> <td>Total</td> <td>82.31</td> </tr> </table> | Fresh | 25.99 | Recycled | 26.55 + 29.77 = 56.32 | Total | 82.31 |
| Fresh | 25.99 | | | | | | | |
| Recycled | 26.55 + 29.77 = 56.32 | | | | | | | |
| Total | 82.31 | | | | | | | |
| b. | Source of water | BWSSB | | | | | | |
| c. | Waste water generation in KLD | 78.19KLD | | | | | | |
| d. | STP capacity | 95 KLD | | | | | | |
| e. | Technology employed for Treatment | SBR Technology | | | | | | |
| f. | Scheme of disposal of excess treated water if any | No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis | | | | | | |
| 16 | Infrastructure for Rain water harvesting | | | | | | | |
| a. | Capacity of sump tank to store | 650 cu.m. | | | | | | |

| | | |
|-----|--|--|
| | Roof run off | |
| b: | No's of Ground water recharge pits | 83 Nos. |
| 17 | Storm water management plan | The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water |
| 18 | WASTE MANAGEMENT | |
| I. | Construction Phase | |
| a. | Quantity of Solid waste generation and mode of Disposal as per norms | No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. |
| II. | Operational Phase | |
| a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 141.60 kg/day. Biodegradable waste will be converted in organic convertor. |
| b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | 94.40 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers |
| c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Nil |
| d. | Quantity of E waste generation and mode of Disposal as per norms | E-waste generation will be very less |
| 19 | POWER | |
| a. | Total Power Requirement - Operational Phase | 500 kVA |
| b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 1 X 500 kVA |
| c. | Details of Fuel used for DG Set | HSD |
| d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | <ul style="list-style-type: none"> • Energy saved by using Solar water Heater : 12,500 kWh/ Year(a) • Total SPV Power Generation in a year = 0.30 L kWh / Annum(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.12 + 0.30 L kWh = 0.42 L / Annum(c) • Total energy savings from residential |

| | | |
|----|--|---|
| | | building = 28.76% |
| 20 | PARKING | |
| a. | Parking Requirement as per norms | One car spacing for 1 units as the floor area is between 50 sq.m. to 225 sq.m = 118+10% visitors Parking required is 118+12 cars=130 Nos Total car Parking required as per NBC= 130 Parking Provided is 154 Ecs which is as Per NBC and MoEF Norms |
| b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | NH 209 Service road-LOS - B |
| c. | Internal Road width (RoW) | 6 m |

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

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted that as seen from the village survey map there is a primary nala on the eastern side of the project site for which the proponent has stated that he has left 50 meter buffer zone from the edge of the nala and in addition to this there is one secondary nala on the western side of the project site for which the proponent has stated that he has left 35 meter buffer zone as per the Hon'ble NGT order dated:4th May 2016

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

218.57 Proposed Building Stone Quarry Project at Sy.No.13 of Ivagilu Village, Ramanagara Taluk, Ramanagara District (3-00 Acres) By Sri Veerabhadraiah (SEIAA 61 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|-------------|-------------|
|--------|-------------|-------------|

| | | | | |
|-------|---|--|-----------------------------------|---------------|
| 1 | Name & Address of the Project Proponent | Sri Veerabhadraiah Bidadi Town Ramanagara | | |
| 2 | Name & Location of the Project | Building stone quarry of Sri Veerabhadraiah Sy. No - 13, Ivagilu Village, Ramanagara Taluk and District, Karnataka | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°45'20.0" | E 77°22'04.4" |
| | | Boundary point-B | N 12°45'17.6" | E 77°22'04.9" |
| | | Boundary point-C | N 12°45'17.0" | E 77°21'59.9" |
| 3 | Co-ordinates of the Project Site | Boundary point-D | N 12°45'19.6" | E 77°21'59.6" |
| | | Building Stone. | | |
| | | Existing. | | |
| | | Government Land. | | |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 3-00 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 1 st | 36,385 | |
| | | 2 nd | 41,583 | |
| | | 3 rd | 42,103 | |
| | | 4 th | 42,103 | |
| | | 5 th | 41,583 | |
| Total | | 2,03,758 | | |

| | | |
|----|--|--|
| 12 | Quantity of Topsoil/Overburden in cubic meter | - |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 859 tons/ annum |
| 14 | Project Cost (Rs) | 30lakhs. |
| 15 | Environmental Sensitivity | |
| | a. Nearest Forest | |
| | b. Nearest Human Habitation | Ivagilu 1km from the proposed lease area. |
| | c. Educational Institutes, Hospital | Ramanagara 9.8 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 | |
| | Sl. No. | Particulars |
| | 1 | Area to be excavated |
| | 2 | Storage of top soil |
| | 3 | Infrastructure(workshop, administrative building) |
| | 4 | Roads |
| | 5 | Green belt |
| | Total | |
| | | Total land use at the end of plan period in acres |
| | | 2-07 |
| | | 0-15 |
| | | Covered in green belt area |
| | | Covered in quarrying & green belt area |
| | | 0-77 |
| | | 3-00 |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 4.0KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc. |
| | b. Total | Dust Suppuration 1.5 |

| | | | |
|----|------------------------------------|----------|-----|
| | Requireme nt of Water in KLD | 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.

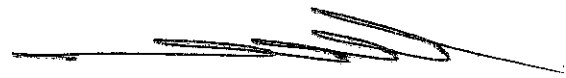
The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

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 as per the proponent statement the Ivagilu village of Ramanagar taluk wherein this quarry is located is situated at the distance of 17.9 KM from Bannerghatta National Park, 6.0 KM from Ramdevarabetta and 37.0 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated within any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2004 for five years. Now the DMG has approved the quarry plan on 14-6-2018 and in order to execute the lease extension the proponent stated that he requires EC for this purpose. Further he has stated that he made out an application to DEIAA on 30-1-2018. Subsequent to this DEAC during its meeting on 19-9-2018 after appraisal recommended the proposal for issue of EC by DEIAA. The proponent has stated that he has made out an application to SEIAA due to change in policy. The proponent based on the fact that the lease was granted in the year 2004 (before 9-9-2013) claimed exemption from the cluster effect. The proponent stated that he has mined only 3,000 tons during 2007-08 and since then he has not taken the mining further.

As seen from the approved quarry plan there is a level difference of 20 meter within the lease area and taking this fact into consideration the committee opined that the proposed quantity can be mined scientifically and safely for a quarry pit depth of 3 meter.

The proponent has stated there is an existing cart track road to a length of 900 meters connecting quarry area to the all weather road.



The committee after discussion decided to recommend the proposal to SEIAA subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.58 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-10 Acres) By Sri G.H. Manjegowda (SEIAA 62 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|------------------|---|---|---------------|---------------|
| 1 | Name & Address of the Project Proponent | Sri.G.H.Manjegowda S/o Hanumanthegowda Ward No-16, 6 th cross, Adarshnagar, Hassan-573201 | | |
| 2 | Name & Location of the Project | Building Stone Quarry Sri.G.H.Manjegowda Extent of 1-10 Acres under part of Sy.No-83 Yareborekaval Village, KasabaHobli, Hassan Taluk, Hassan District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | X-Point | N 12°55'29.5" | E 76°04'56.9" |
| | | Boundary point-A | N 12°55'26.3" | E 76°04'50.0" |
| | | Boundary point-B | N 12°55'27.9" | E 76°04'50.3" |
| | | Boundary point-C | N 12°55'28.0" | E 76°04'46.9" |
| Boundary point-D | N 12°55'26.4" | E 76°04'47.3" | | |
| 4 | Type of Mineral | Building Stone | | |
| 5 | New / Expansion / Modification / Renewal | Expansion | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 1-10 acres | | |

| | | | | |
|----|--|---|--|--|
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 2nd | 12,006 | |
| | | 3rd | 12,006 | |
| | | 4th | 12,006 | |
| | | 5th | 12,006 | |
| | | Total | 48,024 | |
| 12 | Quantity of Topsoil/Overburden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1017M ³ (2705 Tonnes) for a period of 5 years. | | |
| 14 | Project Cost (Rs) | 10lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Goolenahalli 1.2km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Hassan 10 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 Acres | | | |
| | Sl. No. | Particulars | Proposed land use | |
| | 1 | Area to be excavated | 0-28 | |
| | 2 | Storage of top soil | 0-03 | |
| | 3 | Mineral storage | | |
| 4 | Infrastructure(workshop, administrative building) | | | |

| | | | | |
|----|-----------------------------|---|---|------|
| | | 5 | Over burned / dump | 0-02 |
| | | 6 | Roads | 0-02 |
| | | 7 | Green belt | 0-15 |
| | | Total | | 1-10 |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 2KL/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 | 0.5 |
| | | | Domestic | 1.0 |
| | | | Other | 0.5 |
| | | | Total | 2.0 |
| 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 218th meeting held on 13-3-2019 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 a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forthcoming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

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

218.59 Proposed Building Stone Quarry Project at Sy.No.252 of Urakahalli Village, Ramanagara Taluk & Ramanagara District (2-03 Acres) (Q.L.No.1215)By Sri Muruli R.S. (SEIAA 63 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|------------------|---|--|-----------------------------------|--------------|
| 1 | Name & Address of the Project Proponent | Sri Muruli R S S/o Late. R K Srinivas (Legalheir) Ramohalli Village, KengeriHobli Bengaluru south Taluk, Bengaluru | | |
| 2 | Name & Location of the Project | Building stone quarry of Sri Muruli R S Sy. No - 252, Urakahalli Village, Ramanagara Taluk and District, Karnataka | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | Boundary point-A | N 12°44.695' | E 77°21.510' |
| | | Boundary point-B | N 12°44.676' | E 77°21.512' |
| | | Boundary point-C | N 12°44.658' | E 77°21.586' |
| | | Boundary point-D | N 12°44.676' | E 77°21.585' |
| | | Boundary point-D | N 12°44.676' | E 77°21.408' |
| Boundary point-D | N 12°44.684' | E 77°21.411' | | |
| 4 | Type of Mineral | Building Stone. | | |
| 5 | New / Expansion / Modification / Renewal | Existing. | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land. | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 2-03 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ | Year | Saleable Building Stone in Tonnes | |

| | | | | |
|-----|--|---|-----------------------------|---------------|
| | CUM) / Annum | 1st | 21,263 | |
| | | 2nd | 23,196 | |
| | | 3rd | 26,095 | |
| | | 4th | 26,805 | |
| | | 5th | 26,805 | |
| | | Total | 1,24,164 | |
| 12. | Quantity of Topsoil/Overburden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 547 tons/annum | | |
| 14 | Project Cost (Rs) | 15 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. Nearest Forest | | | |
| | b. Nearest Human Habitation | Bennahalli 2.0 km from the proposed lease area. | | |
| | c. Educational Institutes, Hospital | 8.4 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 | | | |
| | | Sl. No. | Particulars | Area in Acres |
| | | 1 | Quarry workings | 1-08 |
| | | 2 | Waste dumps/Mineral storage | 0-01 |
| | | 3 | Roads/Infrastructure | 0-01 |
| | | 4 | Proposed buffer zone | 0-33 |
| | | Total | | 2-03 |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 0.5KL/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 | 1.0 |
| | | | Domestic | 0.5 |
| | | | Other | 1.0 |
| | | | Total | 2.5 |
| 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 218th meeting held on 13-3-2019 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 as per the proponent statement the Uragahallivillage of Ramanagartaluk wherein this quarry is located is situated at the distance of 18.7 KM from Bannerghatta National Park, 4.8 KM from Ramdevarabetta and 35.8 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life authority about the distances is forthcoming.

The lease for this proposal was initially granted in the year 2006 for five years and subsequent to this the proponent has stated that he made out an application for the extension of lease period on 17-9-2010 i.e well within the mandated period and continued mining upto 13-1-2015. The proponent has stated that he has stopped mining before 13-1-2015 when the EC was made mandatory and not operated mining since then till date and proponent has also claimed exemption from cluster effect since the lease was granted earlier to 9-9-2013.

As per the quarry plan it was observed there is a level difference of 30 meters within the mining area and taking this factor into consideration the committee opined that the proposed quantity can be mined safely and scientifically with a quarry pit depth of 5 meters. The proponent has stated that the road connecting lease area to the existing all weather road formed from the crusher point to a length of 500 meter runs along the existing cart track road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The 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. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

218.60 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-10 Acres) By Sri Rangaswamy (SEIAA 64 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|------------------|--|---|---------------|---------------|
| 1 | Name & Address of the Project Proponent | Sri.Rangaswamy S/o Jaware Gowda Yareborekaval village, Agile post, Hassan-573201 | | |
| 2 | Name & Location of the Project | Building Stone Quarry Sri.Rangaswamy Extent of 1-10 Acres under part of Sy.No-83 Yareborekaval Village, Kasaba Hobli, Hassan Taluk, Hassan District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | X-Point | N 12°55'29.5" | E 76°04'56.9" |
| | | Boundary point-A | N 12°55'32.7" | E 76°04'49.3" |
| | | Boundary point-B | N 12°55'35.1" | E 76°04'48.6" |
| | | Boundary point-C | N 12°55'35.0" | E 76°04'47.2" |
| Boundary point-D | N 12°55'32.4" | E 76°04'46.7" | | |
| 4 | Type of Mineral | Building stone. | | |
| 5 | New / Expansion / Modification / Renewal | Expansion | | |

| | | | | |
|----|---|-------------------------------------|--|--|
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 1-10 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 2nd | 10,073 | |
| | | 3rd | 10,073 | |
| | | 4th | 10,073 | |
| | | 5th | 10,073 | |
| | Total | 40,292 | | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 820 Tonnes for a period of 4 years. | | |
| 14 | Project Cost (Rs) | 10 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Goolenahalli 1.1km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Hassan 10 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 | | | | | | | | | | |
| | Sl. No. | Particulars | Proposed land use plan | | | | | | | | |
| | 1 | Area to be excavated | 0-30 | | | | | | | | |
| | 2 | Storage of top soil | 0-03 | | | | | | | | |
| | 3 | Mineral storage | | | | | | | | | |
| | 4 | Infrastructure(workshop, administrative building) | | | | | | | | | |
| | 5 | Over burned /dump | 0-02 | | | | | | | | |
| | 6 | Roads | 0-01 | | | | | | | | |
| | 7 | Green belt | 0-14 | | | | | | | | |
| | Total | | 1-10 | | | | | | | | |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 3 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 | <table border="1"> <tr> <td>Dust Suppuration</td> <td>1.0</td> </tr> <tr> <td>Domestic</td> <td>1.0</td> </tr> <tr> <td>Other</td> <td>1.0</td> </tr> <tr> <td>Total</td> <td>3.0</td> </tr> </table> | Dust Suppuration | 1.0 | Domestic | 1.0 | Other | 1.0 | Total | 3.0 |
| Dust Suppuration | 1.0 | | | | | | | | | | |
| Domestic | 1.0 | | | | | | | | | | |
| Other | 1.0 | | | | | | | | | | |
| Total | 3.0 | | | | | | | | | | |
| 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 218th meeting held on 13-3-2019 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 a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forthcoming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

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

218.61 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-20 Acres) By Sri S.K. Ramesh (SEIAA 65 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION | | |
|--------|--|---|---------------|---------------|
| 1 | Name & Address of the Project Proponent | Sri.S.K.Ramesh S/o Krishnegowda Indiranagar, Kuvemou Road, Hassan-573201. | | |
| 2 | Name & Location of the Project | Building Stone Quarry Sri.S.K.Ramesh Extent of 1-20 Acres under part of Sy.No-83 Yareborekaval Village, KasabaHobli, Hassan Taluk, Hassan District, Karnataka. | | |
| 3 | Co-ordinates of the Project Site | P.No. | Latitude | Longitude |
| | | X-Point | N 12°55'29.5" | E 76°04'56.9" |
| | | Boundary point-A | N 12°55'28.9" | E 76°04'52.0" |
| | | Boundary point-B | N 12°55'27.9" | E 76°04'50.3" |
| | | Boundary point-C | N 12°55'30.2" | E 76°04'48.5" |
| 4 | Type of Mineral | Building stone. | | |
| | | Expansion | | |
| 5 | New / Expansion / Modification / Renewal | Expansion | | |

| | | | | |
|----|---|---|--|--|
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government Land | | |
| 7 | Whether the project site fall within ESZ/ESA | - | | |
| 8 | Area in Ha | 1-20 acres | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | - | | |
| 10 | Depth of Sand proposed to be removed | - | | |
| 11 | Annual Production Proposed (Metric Tons/ CUM) / Annum | Year | Saleable Building Stone in Tonnes | |
| | | 2nd | 12,122 | |
| | | 3rd | 12,122 | |
| | | 4th | 12,122 | |
| | | 5th | 12,122 | |
| | | Total | 48,488 | |
| 12 | Quantity of Topsoil/Over burden in cubic meter | - | | |
| 13 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1816M ³ (4832 Tonnes) for a period of 5 years. | | |
| 14 | Project Cost (Rs) | 15 lakhs. | | |
| 15 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | | |
| | b. | Nearest Human Habitation | Goolenahalli 1.2km from the proposed lease area. | |
| | c. | Educational Institutes, Hospital | Hassan 10 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 | <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Proposed land use</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Area to be excavated</td> <td>0-35</td> </tr> <tr> <td>2</td> <td>Storage of top soil</td> <td rowspan="3">0-05</td> </tr> <tr> <td>3</td> <td>Mineral storage</td> </tr> <tr> <td>4</td> <td>Infrastructure(workshop, administrative building)</td> </tr> <tr> <td>5</td> <td>Over burned /dump</td> <td>0-03</td> </tr> <tr> <td>6</td> <td>Roads</td> <td>0-02</td> </tr> <tr> <td>7</td> <td>Green belt</td> <td>0-15</td> </tr> <tr> <td>Total</td> <td></td> <td>1-20</td> </tr> </tbody> </table> | Sl. No. | Particulars | Proposed land use | 1 | Area to be excavated | 0-35 | 2 | Storage of top soil | 0-05 | 3 | Mineral storage | 4 | Infrastructure(workshop, administrative building) | 5 | Over burned /dump | 0-03 | 6 | Roads | 0-02 | 7 | Green belt | 0-15 | Total | | 1-20 |
| Sl. No. | Particulars | Proposed land use | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Area to be excavated | 0-35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Storage of top soil | 0-05 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Mineral storage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Infrastructure(workshop, administrative building) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Over burned /dump | 0-03 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Roads | 0-02 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Green belt | 0-15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | 1-20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 2KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | b. Total Requirement of Water in KLD | <table border="1"> <tbody> <tr> <td>Dust Suppuration</td> <td>0.5</td> </tr> <tr> <td>Domestic</td> <td>1.0</td> </tr> <tr> <td>Other</td> <td>0.5</td> </tr> <tr> <td>Total</td> <td>2.0</td> </tr> </tbody> </table> | Dust Suppuration | 0.5 | Domestic | 1.0 | Other | 0.5 | Total | 2.0 | | | | | | | | | | | | | | | | | |
| Dust Suppuration | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Domestic | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 218th meeting held on 13-3-2019 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 a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forthcoming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

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

EIA Appraisal:

218.62 Proposed Modification & Expansion of Embassy Tech Village (ETV) Project at Sy.Nos.8/1, 8/2, 8/3, 8/4, 8/5, 9/1, 9/2, 9/3, 9/4, 9/5, 10/3P, 10/4P, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/12P, 10/13, 11/3P, 11/4P, 11/5, 11/6, 11/7, 11/8, 11/9, 11/10, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 13P, 14/1, 14/2, 14/3, 14/4, 14/5, 14/6, 14/7, 14/8, 14/9, 14/10A, 14/10B, 14/11, 14/12, 14/13, 14/14, 14/15, 14/16, 14/17, 54/7 & 55/6 of Devarabeesanahalli Village and 29/2 of Kariyammana Agrahara Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Vikas Telecom Pvt Ltd., (SEIAA 28 CON 2019)

| BASIC INFORMATION | | |
|-------------------|---|--|
| S. No | Item | Details |
| 1 | Name of the Project/s | Embassy Tech Village by M/s Vikas Telecom Private Limited. |
| 2 | S. No. in the schedule | 8(b) (As per S.O. 3999 Dated 09.12.2016) |
| 3 | Proposed capacity/ area/ length/ tonnage to be handled/ command area/ lease area/ number of wells to be drilled | The project proponent had obtained the Environmental Clearance for implementing an Integrated Tech Park with SEZ. This park includes Hotels, Retail Shopping, Cinema and Restaurants, Office blocks and Residential Apartments on a plot area of 106.32 Acres with a total built-up area of 8,41,000.58 Sq.m. vide MoEF letters No.:-21-356/2006-IA.III, dated 2 nd February 2007 and 21-356/2006-IA.III, dated 2 nd March 2007. |

| | | | |
|---|------------------------------------|--|--|
| | | <p>The project proponent now proposes the following:</p> <ol style="list-style-type: none"> 1. De notify a part of the SEZ area, 2. Develop other buildings comprising to establish IT/ITES Park, Commercial, Hotel/Convention, E-Commerce and Retail and 3. Increase the builtup area from 8,41,000.58 Sq.m to 18,33,498.37 Sq.m. in 106.32 Acres. <p>The details of the project are furnished in Annexure - 1.</p> | |
| 4 | New/ expansion/ modernization | Expansion | |
| 5 | Existing capacity/ Area etc. | The total plot area of 106.32 Acres remains same. | |
| 6 | Category.of Project i.e 'A' or 'B' | Category 'A', 8(b) (As per S.O. 3999 Dated 09.12.2016) | |

| | |
|--|---|
| Does it attract the general condition? If yes please specify. | No |
| Does it attract the specific condition? If yes please specify. | No |
| Location | <p>Location Map of the proposed project is given in Annexure - 2.</p> <p>2 km Radius Map of Survey of India (toposheet of the project site is given Annexure - 2A.</p> <p>Google earth imagery showing the site given in Annexure - 2B</p> |
| Location | Devarabeesanahalli and Kariyamm Agrahara Villages. |
| Plot/ Survey/ Khasra No's | 8/1, 8/2, 8/3, 8/4, 8/5, 9/1, 9/2, 9/4, 9/5, 10/3P, 10/4P, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/12P, |

| | | |
|----|--|---|
| | | 10/13, 11/3P, 11/4P, 11/5, 11/6, 11/7, 11/8, 11/9, 11/10, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 13P, 14/1, 14/2, 14/3, 14/4, 14/5, 14/6, 14/7, 14/8, 14/9, 14/10A, 14/10B, 14/11, 14/12, 14/13, 14/14, 14/15, 14/16, 14/17, 54/7 & 55/6 of Devarabeesanahalli Village and 29/2 of Kariyammana Agrahara Village. |
| | Village | Devarabeesanahalli and Kariyammana Agrahara Villages, Varthur Hobli. |
| | Tehsil | Bengaluru East Taluk, |
| | District | Bengaluru Urban |
| | State | Karnataka |
| 10 | Nearest railway station/ airport along with distance in Kms. | Railway Station - Bellandur RS 1.5 km - ESE Airport - HAL Bengaluru International Airport - 3.0 km - NW. Kempegowda International Airport - 29.30 km - N. |

| | |
|---|--|
| Nearest town, city, district headquarters along with distance in kms. | Part of Bengaluru City. |
| Village panchayaths, Zilla parishad, Municipal Corporation, Local body (Complete postal addresses with telephone nos to be given) | Devarabeesanahalli and Kariyammana Agrahara Villages, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban, Karnataka. |
| Name of the applicant | M/s. Vikas Telecom Private Limited |
| Registered address | Embassy Point, No.150, Infantry Road, Bengaluru - 560 001. |
| Address for correspondence | |
| Name | Mr. H N. Ravindra |
| Designation (Owner /Partner/ CEO) | Asst Vice President |
| Address | Embassy Point, No.150, Infantry Road, Bengaluru - 560 001. |

| | | | |
|----|--|---|--|
| | | Bengaluru. | |
| | Pincode | 560001 | |
| | E- mail | ravindra@embassyindia.com | |
| | Tele-Fax. | 080 2228 6912 | |
| 16 | Details of Alternative sites examined, if any location of these sites should be shown on a topo sheet. | Not Applicable, since it is a building project. | |
| 17 | Interlinked projects | Not Applicable. | |
| 18 | Whether separate application of interlinked project has been submitted? | Not Applicable. | |
| 19 | If yes, date of submission | Not Applicable. | |
| 20 | If no, reason | Not Applicable. | |

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 218th meeting held on 13-3-2019 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 some discrepancies were found between the concept plan submitted for earlier EC and the BUA achieved as per earlier EC for which the proponent agreed to come up with proper clarification. Hence the committee after discussion decided to defer the proposal

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

With the permission of Chairman:

218.63 Propose Ordinary Sand Quarry in Kumaradhara-9 (Block No.3) Kumaradhara River Bed, 34 Project at Adj Sy.No.106 of Nekkiladi Village, Puttur Taluk, Dakshina Kannada District (2.347 Ha) (5.799 Acres) by Deputy Director - District Sand Monitoring Committee - Dakshina Kannada Distrit(SEIAA 66 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|--|
| 1 | Name & Address of the Project Proponent | The Deputy Director & The Member Secretary District Sand Monitoring Committee, |

| | | | | |
|----|--|--|------------------|------------------|
| | | Dakshina Kannada District Mangalore | | |
| 2 | Name & Location of the Project | Ordinary Sand Block No. 2 in 5.799 acres (2.347 Ha.) in Kumaradhara River Bed, Adj. Sy. No. 106 of 34-Nekkiladi Village, Puttur Taluk & Dakshina Kannada District, Karnataka | | |
| 3 | Co-ordinates of the Project Site | C. P | Latitude | Longitude |
| | | A | N 12° 49' 32.80" | E 75° 14' 40.10" |
| | | B | N 12° 49' 22.00" | E 75° 14' 44.50" |
| | | C | N 12° 49' 23.10" | E 75° 14' 49.00" |
| | D | N 12° 49' 33.90" | E 75° 14' 41.70" | |
| 4 | Type of Mineral | Ordinary Sand | | |
| 5 | New / Expansion / Modification / Renewal | New | | |
| 6 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Govt. Revenue | | |
| 7 | Whether the project site fall within ESZ/ESA | No. | | |
| 8 | Area in Ha | 2.347 Ha. | | |
| 9 | Actual Depth of sand in the lease area in case of River sand | 3.0 m | | |
| 10 | Depth of Sand proposed to be removed in case of River sand | 1.0 m | | |
| 11 | Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 | 42,524 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 | 40,042 Tons/Annum | | |
| 14 | Quantity of Topsoil/Over burden in cubic meter | None | | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | 1238 Tons/Annum | | |
| 16 | Project Cost (Rs. In Crores) | 0.02 | | |
| 17 | Environmental Sensitivity | | | |
| | a. Nearest Forest | Bellippadi Nekkiladi RF : 0.15 Km SW | | |
| | b. Nearest Human Habitation | | | |
| | c. Educational Institutes, Hospital | | | |

| | | | | |
|----|--|-----------------------------------|--|----------|
| | d. | Water Bodies | Nethravathi River : 1,5 Km N Bellipadi Todu : 2 Km S Panchera Halla : 3 Km E Kuppetti Halla : 4.7 Km NE | |
| | e. | Other Specify | | |
| 18 | Applicability of General Condition of the EIA Notification, 2006 | | None | |
| 19 | Details of Land Use in Ha | | | |
| | a. | Area for Mining/ Quarrying | 2.347 Ha. | |
| | b. | Waste Dumping Area | - | |
| | c. | Top Soil Storage Area | - | |
| | d. | Mineral Storage Area | - | |
| | e. | Infrastructure Area | - | |
| | f. | Road Area | - | |
| | g. | Green Belt Area | - | |
| | h. | Unexplored area | - | |
| | i. | Others Specify | - | |
| 20 | Method of Mining/ Quarrying | | Opencast Semi-mechanized | |
| 21 | Rate of Replenishment in case River sand project | | 42,524 Tons/Annum | |
| 22 | Water Requirement | | | |
| | a. | Source of water | Borewell Water | |
| | b. | Total Requirement of Water in KLD | Dust Suppression | 5.4 KLD |
| | | | Domestic | 0.36 KLD |
| | | | Other | 0.5 KLD |
| | | | Total | 6.26 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 218th meeting held on 13-3-2019 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 the proposal is for carrying out the sand mining in the river bed as per the quarry plan the length of the block is average 400 meters and width is average 60 meters. The top level of the deposits is average 32.5 meter and average level of the dry weather flow of the river is 30 meters. The depth of mining proposed is one meter against the depth of deposit is 3 meters. Hence the bottom of the mined pit will be about 1.5 meter above dry weather flow. As per the quarry plan area of the lease is 2.4

Ha whereas as per measurements based on latitude and longitude the area comes to 2.347 Ha the difference is about 2 to 2.5% of the total area. The proponent has proposed the stock yard at a distance of 1.5 KM i.e., at Uppinaangadi and dump yard will be at the neighbouring river bed area.

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

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed one meter from the top level at any point of time during the lease period.

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

Reconsideration Subjects:

218.64 Proposed Construction of 2BHK Housing Project at Sy.No.22, 23 of Kondasapura Village(Phase 2), BidarahalliHobli, Bangalore East Taluk, Bangalore Urban District by Bangalore Development Authority(BDA) (SEIAA 138 CON 2018)

| SI No. | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | Executive Engineer Housing Project Division - 1 Bangalore Development Authority T.Chowdaiah Road Kumara Park West Bangaloe-560 020 |
| 2 | Name & Location of the Project | Construction of 2BHK Housing Project at Sy.No.22,23 of Konadasapura Village[Phase 2], BidarahalliHobli, Bangalore East Taluk by Bangalore Development Authority (BDA) |
| 3 | Co-ordinates of the Project Site | Latitude:13°02'19.71" N Longitude: 77°45'12.73" E |
| 4 | Environmental Sensitivity | |
| | a Distance from Periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.) | Nearest lake is Konadasapura Lake - 0.8 Km |
| | b Type of water body at the | Tiny Nala at 25 m distance from project |

| | | | |
|----|---|--|---|
| | | 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 | site. |
| 5 | Type of Development | | |
| | a | New/ Expansion / Modification | New |
| | b | Residential Apartment / Villas/ Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other | Residential Apartment |
| | c | Residential Township/ Area Development Projects | -- |
| 6 | Plot Area (Sqm) | | 20,193.40 Sqm |
| 7 | Built up Area (Sqm) | | 83,665.15 Sqm |
| 8 | Building configuration (Number of Blocks/Towers/Wings etc., with Numbers of Basements and Upper Floors) | | No. of Blocks : 6 No. of Floors : Basement + Stilt + 14 Floors Height of the Building : 44.25mtrs |
| 9 | Number of units in case of Construction Projects | | 672 Units |
| 10 | Number of plots in case of Residential Township/ Area Development Projects | | -- |
| 11 | Project Cost (Rs. In Crores) | | Rs.225.60 Crores |
| 12 | Recreational Area in case of Residential Projects / Townships | | --- |
| 13 | Details of Land Use (Sqm) | | |
| | a | Ground Coverage Area | 4923.72 Sqm |
| | b | Kharab Land | -- |
| | c | Total Green belt on Mother Earth for Projects under 8(a) of the Schedule of the EIA notification, 2006 | 2538.77Sqm |
| | d | Internal Roads | 9206.45 Sqm |
| | e | Paved area/ car parking | 3524.46 Sqm |
| | f | Others Specify | --- |
| | g | Parks and Open space in case of Residential Township/ Area Development Projects | -- |
| | h | Open space & common services | -- |

| | | | | |
|----|---|--|---|---------|
| | h | Total | 20193.40Sqm | |
| 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 reuse as per construction and demolition waste management rules 2016, if applicable | -- | |
| | b | Total quantity of Excavated earth (in cubic meter) | 80,000 Cum` | |
| | c | Quantity of Excavated earth propose to be used in the project site (in cubic meter) | Back filling for footings : 30,000 Cum | |
| | d | Excess excavated earth (in cubic meter) | 50,000Cum | |
| | e | Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal. | Excess quantity of excavated earth to be utilized for BDA road works/Plantation | |
| 15 | WATER | | | |
| | I | Construction Phase | | |
| | a | Source of water | Tertiary Treated Water | |
| | b | Quantity of water for construction in KLD | 80 KLD | |
| | c | Quantity of water for Domestic purpose in KLD | 20 KLD | |
| | d | Waste water generation in KLD | 16 KLD | |
| | e | Treatment facility proposed and scheme of disposal of treated water | -- | |
| | II | Operational Phase | | |
| | a | Total Requirement of water in KLD | Fresh | 333 KLD |
| | | | Recycled | 166 KLD |
| | | | Total | 499 KLD |
| | b | Source of water | BWSSB | |
| | c | Waste water generation in KLD | 466 KLD | |
| | d | STP Capacity | 470 KLD | |
| | e | Technology employed for Treatment | Sequential Batch Reactor [SBR] Process followed by Tertiary treatment | |
| | f | Scheme of disposal of excess treated water if any | Excess Tertiary treated excess sewage water will be supplied to Building | |

| | | | |
|----|--|---|--|
| | | | contractors/farmers. |
| 16 | Infrastructure for Rain Water Harvesting | | |
| | a | Capacity of sump tank to store Roof run off | 98 cum |
| | b | No's of Ground water recharge pits | 18 |
| 17 | Storm water management plan | | Given in EMP |
| 18 | WASTE MANAGEMENT | | |
| | I | Construction Phase | |
| | a | Quantity of Solid Waste Generation and mode of Disposal as per norms | The solid waste include concrete (often recycled and reused at the site), steel and other metals like, packaging and paper products, fluorescent tubes, wood beams, tiles etc., - Disposal: Recyclable waste will be recycled or sell it to end users. The other waste can be used as land fill or Landscaping as per norms |
| | II | Operational Phase | |
| | a | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 757 Kg/day Will be treated in organic convertor and the product used as manure. |
| | b | Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms | 1091 Kg/day Will be sent for recycling/sell end users |
| | c | Quantity of Hazardous waste generation and mode of Disposal as per norms | Waste Oil from DG sets and disposed as per norms |
| | d | Quantity of E-waste generation and mode of Disposal as per norms | -- |
| 19 | POWER | | |
| | a | Total Power Requirement - Operational Phase | 2400 KVA |
| | b | Numbers of DG set and capacity in KVA for Standby power supply | 2 X 250 KVA |
| | c | Details of Fuel used for DG Set | Diesel |
| | d | Energy conservation plan and percentage of savings including plan for utilization of solar energy as per ECBC | Please EMP |

| | | | |
|----|---|--|--|
| | | 2007 | |
| 20 | PARKING | | |
| | a | Parking Requirement as per norms | 739 |
| | b | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Nearest Connecting Road is NH 75(Old Madras Road) - 0.8 Km LoS is 'A' |
| | c | Internal Road width (RoW) | 8.0m Wide Road |
| 21 | Any other information specific to the project (Specify) | | -- |

The proposal was placed before the committee for appraisal.

The proponent and Environment Consultant attended the 210th meeting held on 9-10-2018 to provide additional information/clarification. The committee noted that as per the village survey map there is one tertiary nala running by the side of project site for which the proponent has stated that he has left 25 meter buffer zone from the edge of the nala as per NGT order. The committee also observed that the proponent not left suitable area earmarked for the development of greenery all around the project site. The proponent has considered the canopy area and not the ground area for development of greenery. The proponent also agreed not to provide soak pit or septic tank at any stage.

Hence, the committee after discussion decided to recall after submission of the revised concept plan including the development of greenery.

The proponent has submitted the replies vide letter dated:22-12-2018.

The proponent was invited for the 214th meeting held on 29-12-2018 to provide required clarification and additional information.

The committee decided to proceed with the appraisal as per the NGT order dated:4-5-2016 instead of recent NGT order. It is stated that the proponent, BDA has modified the site plan increasing the site area from 20,193.40 sqmts to 27,708.33 sqmts by incorporating additional area which was in their possession and he further stated that there is no change in the configuration of the building except the changes made in the site plan with an additional area. By these changes the area left for greenery is 7,269.85 sqmts which works out to 26.24% of the total plot area. The buffer area left for nala is outside this site and he has agreed to develop this buffer zone also by planting suitable tree species.

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

- 1) The Micro water shed surface hydrology has to be carried out and submitted.

- 2) In the land use plan the area reserved for greenery may be bifurcated in the area reserved for green belt all round the project site and additional area reserved for greenery.
- 3) Solar panel layout utilizing the entire terrace area for solar power generation may be worked out and submitted.
- 4) Details of storage sump for storage of water from terrace and paved area may be worked out and submitted.

The proponent has submitted the replies vide letter dated:12-2-2019. The committee perused the replies submitted by the proponent and accepted the replies except the surface hydrological data of the surrounding area which do not contain any catchment area of the micro watershed of the near by nala and also the carrying capacity of the nala. Hence the committee decided to recommend the proposal for issue of Environment Clearance subject to condition that the Hydrological data for the micro watershed area of the nearby nala and its runoff and yield and also the carrying capacity of the nala shall be furnished to Authority.

The committee also imposed the following conditions.

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

218.65 Proposed Residential Apartment Project at Sy.Nos.121/1, 121/2, 122/2, 123/2, 126/1, 90/1, and 90/2 of Bommenahalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore by M/s. Garden City Realty Pvt Ltd(SEIAA 07 CON 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|---|---|
| 1 | Name & Address of the Project Proponent | M/s Garden City Realty Pvt. Ltd., # 845, 5 th Cross, 10 th Main, 2 nd Stage, Indiranagar, Bangalore - 560 038 |
| 2 | Name & Location of the Project | Residential Apartment Project with 1262 flats Survey Nos. 121/1, 121/2, 122/2, 123/2, 126/1, 90/1 and 90/2, Bommenahalli Village, BidarahalliHobli, Bangalore East Taluk, Bangalore. |
| 3 | Co- ordinates of the Project Site | Latitude : 13°4' 14.06" N |

| | | |
|----|--|--|
| | | Longitude : 77°44' 48.56" E |
| 4 | Environmental Sensitivity | |
| a. | Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) | Water bodies (Aerial distance) - Nimbekayypura Lake at 250 mts distance towards South, Bommenahalli Lake at 500 mts distance towards North, Lagamenahalli Lake at 700 mts distance towards East, ChikkaHoskote Lake at 1.5 Km distance towards South and Hosakote Lake at 1.7 Km distance towards East. |
| b. | Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. | No water body is located within or adjoining the project. |
| 5 | Type of Development | |
| a. | New / Expansion / Modification | New Project |
| b. | Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other | Residential Apartment Project with 1262 flats |
| c. | Residential Township/ Area Development Projects | Not Applicable. |
| 6 | Plot Area (Sqm) | 48,945.76sq m (12 Acres 3.6Guntas) |
| 7 | Built Up area (Sqm) | 1,47,168.71sq m |
| 8 | Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors] | The project consists of Residential Apartments in 9 Towers and a club house Tower 1 to 8 have 2 Basements, Ground and 14 floors. Tower 9 have 2 Basements, Ground and 7 floors (basement floors common for all 9 towers) Club house with Ground and 2 floors. |
| 9 | Number of units in case of Construction Projects | Number of flats - 1262 units |
| 10 | Number of Plots in case of Residential Township/ Area Development Projects | NA |
| 11 | Project Cost (Rs. In crores) | Rs. 269,00,00,000/- |

| | | |
|----|--|--|
| | towards expansion cost | (Rupees Two hundred and Sixty Nine Crores Only) |
| 12 | Recreational Area in case of Residential Projects / Townships | NA |
| 13 | Details of Land Use (Sqm) | |
| | a. Ground Coverage Area | 7,699.46sq m (15.73%) |
| | b. Kharab Land | - |
| | c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 16,152.1sq m (33%) |
| | d. Internal Roads | 25,094.19sq m (51.26%) |
| | e. Paved area | |
| | f. Others Specify | |
| | g. Parks and Open space in case of Residential Township/ Area Development Projects | - |
| | h. Total | |
| 14 | Details of demolition debris and / or Excavated earth | |
| | a. Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable | Construction debris generated for construction activity will be utilized for the paved area/ formation activities within the project site. |
| | b. Total quantity of Excavated earth (in cubic meter) | The EMP was planned and implemented during the course of construction activity in the project. |
| | c. Quantity of Excavated earth propose to be used in the Project site (in cubic meter) | Presently construction activity in the project is completed |
| | d. Excess excavated earth (in cubic meter) | |
| | e. Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal | NA |
| 15 | WATER | |
| | I. Construction Phase | Presently construction activity in the project is not started |
| | a. Source of water | MandurGrama Panchayat/Borewell |
| | b. Quantity of water for Construction in KLD | NA |
| | c. Quantity of water for Domestic Purpose of KLD | 50 KLD |

| | | | | |
|---|----|--|--|---------|
| | d. | Waste water generation in KLD | 45 KLD | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Sewage generated from the labor camp will be treated in package STP of capacity 50 KLD | |
| II. Operational Phase | | | | |
| | a. | Total Requirement of Water in KLD | Fresh | 574 KLD |
| | | | Recycled | 289KLD |
| | | | Total | 863 KLD |
| | b. | Source of water | MandurGrama Panchayat/Borewell | |
| | c. | Waste water generation in KLD | 777 KLD | |
| | d. | STP capacity | 800 KLD (2 X 400 KLD) | |
| | e. | Technology employed for Treatment | - | |
| | f. | Scheme of disposal of excess treated water if any | The treated sewage will be re-used for gardening, flushing of toilet, car washing, paved area washing etc. | |
| 16 Infrastructure for Rain water harvesting | | | | |
| | a. | Capacity of sump tank to store Roof run off | 250 cum/day capacity roof top rain water storage tank is proposed | |
| | b. | No's of Ground water recharge pits | About 50 pits | |
| 17 | | Storm water management plan | Appended in the report | |
| 18 WASTE MANAGEMENT | | | | |
| | I. | Construction Phase | Presently construction activity in the project is not started | |
| | a. | Quantity of Solid waste generation and mode of Disposal as per norms | The solid waste generated during construction phase will be Vermicomposted and the product will be used as manure. | |
| II. Operational Phase | | | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | 1514 Kg/day -Organic solid waste will be composted through Vermi Composting method and product will be used as manure for Landscape development. | |
| | b. | Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms | 1010 Kg/day will be handed over to recyclers. | |
| | c. | Quantity of Hazardous Waste generation and mod of Disposal as per norms | 1000 Litres/annum will be disposed to KSPCB approved and CPCB register waste oil re-processors. | |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | NA | |
| 19 | | POWER | | |

| | | | |
|----|---|--|--|
| | a. | Total Power Requirement - Operational phase | 6,500 kVA is being augmented from BESCO |
| | b. | Number of DG set and capacity in KVA for Standby Power Supply | 2 X 2500 KVA capacity DG sets |
| | c. | Details of Fuel used for DG Set | Ultra-Pure Low Sulphur Content Diesel |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | Details appended |
| 20 | PARKING | | |
| | a. | Parking Requirement as per norms | 1495 cars |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | - |
| | c. | Internal Road width (RoW) | 8 m wide fire driveway provided all-around the buildings |
| 21 | Any other information specific to the Project (Specify) | | - |

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

The Proponent and Environment Consultant attended the 216th meeting held on 13-2-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per NGT order.

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

- 1) Surface hydrology details are to be worked out taking into consideration the entire catchment area of the nearby nalas and ascertain the carrying capacity of the nala.
- 2) scheme for waste to energy plant may be worked out and submitted.

The proponent has submitted the replies on 26-2-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

218.66 Proposed Affordable Residential Development at Sy.Nos.37/4, 37/5, (37/3) 56/4, 56/5, 56/6, 64/4, (64/2), 64/5 (64/2), 65/1A, 65/1B of Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. Orchids Apartments Pvt Ltd.,(SEIAA 13 CON 2019)

| Sl. No. | PARTICULARS | INFORMATION |
|---------|---|--|
| 1 | Name & Address of the Project Proponent | M/s. Orchids Apartments Private Limited, No. 10, Vittal Mallya Road, Bengaluru - 560 001. |
| 2 | Name & Location of the Project | Proposed Affordable Residential Development At Sy. Nos. 37/4, 37/5 (37/3), 56/4, 56/5, 56/6, 64/4 (64/2), 64/5 (64/2), 65/1A, 65/1B Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru. |
| 3 | Co-ordinates of the Project Site | Latitude: 12° 53' 11.50" N Longitude: 77° 41' 31.50" E |
| 4 | Environmental Sensitivity | |
| | a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) | Hadosiddapura Lake - 850 m from the project site. As per the village map there is a nala in the project site for which a buffer of 25m from the edge of nala has been left as per the NGT order No. OA 222/2014 dated 04.05.2016. |
| | 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. | Hadosiddapura Lake - 850 m from the project site. As per the village map there is a nala in the project site for which a buffer of 25m from the edge of nala has been left as per the NGT order No. OA 222/2014 dated 04.05.2016. |
| 5 | Type of Development | |
| | a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ | Residential Apartment |

| | | | |
|----|---|---|------------|
| | Hospital / other | | |
| b: | Residential Township/ Area Development Projects | No | |
| 6 | Plot Area (Sqm) | 54,783.56 Sqmt (13 Acres 21.5 Guntas) | |
| 7 | Built Up area (Sqm) | 1, 48,476 Sqmt | |
| 8 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | 8 Blocks Block 1 - B+GF+12UF Block 2 - GF+12UF Block 3 - 2B+GF+11UF Block 4 - 2B+GF+11UF Block 5 - 2B+GF+11UF Block 6 - GF+12UF Block 7 - GF+12UF Block 8 - B+GF+11UF | |
| 9 | Number of units in case of Construction Projects | Residential Units | 1,201 Nos. |
| | | EWS Units | 121 Nos. |
| | | Total | 1,322 No. |
| 10 | Number of Plots in case of Residential Township/ Area Development Projects | No | |
| 11 | Project Cost (Rs. In Crores) | Rs 287 Crores | |
| 12 | Recreational Area in case of Residential Projects / Townships | 5,327 Sqmt (Park & Open Space) | |
| 13 | Details of Land Use (Sqm) | | |
| a. | Ground Coverage Area | 9,086Sqmt | |
| b. | Kharab Land | 1,517.55 Sqmt | |
| c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 19,608.55Sqmt | |
| d. | Internal Roads | 18,945.65 Sqmt | |
| e. | Paved area | -- | |
| f. | Others Specify | Service area = 2,962.51 Sqmt Civic Amenities Area - 2,663.30 Sqmt | |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | Included in the landscape area | |
| h. | Total | 54,783.56 Sqmt | |
| 14 | Details of demolition debris and / or Excavated earth | | |

| | | |
|----|---|--------------|
| a. | Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable | No |
| b. | Total quantity of Excavated earth (in cubic meter) | 1,50,036 Cum |
| c. | Quantity of Excavated earth propose to be used in the Project site (in cubic meter) | 1,50,036 Cum |
| d. | Excess excavated earth (in cubic meter) | NA |
| e. | Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal | NA |

15 WATER

| | | |
|-----|---|---|
| I. | Construction Phase | |
| a. | Source of water | Nearby project STP treated water |
| b. | Quantity of water for Construction in KLD | 21 KLD |
| c. | Quantity of water for Domestic Purpose in KLD | 9.0 KLD |
| d. | Waste water generation in KLD | 8.5 KLD |
| e. | Treatment facility proposed and scheme of disposal of treated water | The sewage generated from the construction site is 8.5 KLD which will be collected in collection tank and from there it will be lifted to BWSSB sewage treatment plant through external agencies for further treatment. |
| II. | Operational Phase | |
| a. | Total Requirement of Water in KLD | Fresh 581 KLD |
| | | Recycled 291 KLD |
| | | Total 872KLD |
| b. | Source of water | Halanayakanahalli Grama Panchayat |
| c. | Waste water generation in KLD | 741 KLD |
| d. | STP capacity | 625 KLD and 120 KLD |
| e. | Technology employed for Treatment | Advanced Sequencing Batch Reactor Technology |
| f. | Scheme of disposal of excess treated | For Flushing - 291 KLD |

| | | |
|----|--|--|
| | water if any | For Landscaping - 141 KLD. For Car washing - 73KLD. For construction and avenue plantation - 162 KLD |
| 16 | Infrastructure for Rain water harvesting | |
| | a. | Capacity of sump tank to store Roof run off 585 Cum 1 No. and 112 Cum 1 No. |
| | b. | No's of Ground water recharge pits 27 Nos. |
| 17 | Storm water management plan | Yes |
| 18 | WASTE MANAGEMENT | |
| | I. | Construction Phase |
| | a. | Quantity of Solid waste generation and mode of Disposal as per norms 45 kg/day. Solid waste generated will be collected manually and handed over to authorized recyclers. |
| | II. | Operational Phase |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms 1.73MT/day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter. |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms 1.16 MT/day. Non-biodegradable Wastes will be given to the waste recyclers. |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms Waste Oil Generation: 2.95 l/hr. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| | d. | Quantity of E waste generation and mode of Disposal as per norms E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. |
| 19 | POWER | |
| | a. | Total Power Requirement - Operational Phase 12,000kVA |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply 1,010 kVA X 6 Nos. |
| | c. | Details of Fuel used for DG Set 1,270 l/hr |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 Solar water heater Solar lighting Cu wound transformer HF ballast LED Energy Savings: 25% |
| | PARKING | |

| | | | | | | |
|----|--|--------------------|----------|------------|----------|-----------------|
| a. | Parking Requirement as per norms | Required | | Provided | | |
| | | 1,454 Nos. | | 1,456 Nos. | | |
| b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Road | | Existing | Modified | Change Scenario |
| | | Gattahalli Road | | B | C | A |
| | | Sarjapur Main Road | ORR | C | D | B |
| | | | Sarjapur | C | D | B |
| c. | Internal Road width (RoW) | 6.0 m | | | | |

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

The Proponent and Environment Consultant attended the 216th meeting held on 14th February 2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form-I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map there is a tertiary nala running all along the eastern corner of the project site for which the proponent has stated that he has left 25 meter buffer as mandated by NGT order. Also as per the village survey map there is one cart track road on the western side of the project site for which the proponent has stated he has left this cart track as it is and assured this will be kept open for public use.

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

- 1) The proponent has to redraw the water flow chart taking into consideration the rural standards of 55 LPCD and making good balance of 80 LPCD treated recirculated sewage water and also he has to redraw flow chart for the sewage treatment to meet this demand.

The proponent has submitted the replies on 7-3-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.

2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

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

Referred back from Authority

218.67 Proposed Hebballi Ordinary Sand Quarry Project at Sy.No.108(P) of Hebballi Village, Badami Taluk, Bagalkote District(7-05 Acres) by Sri Shivaputrappa Sajjanar (SEIAA 7 MIN 2019)

| Sl. No | PARTICULARS | INFORMATION |
|--------|--|---|
| 1 | Name & Address of the Project Proponent | Sri. Shivaputrappa Sajjanar S/o Basappa# 57, Chikmagi Village, Hanugunda Taluk, Bagalkote District, Karnataka |
| 2 | Name & Location of the Project | Ordinary Sand Quarry over an extent 7-05 Acres (2.88 Hectares) in Patta Land at Sy. No. 108(P) of Hebballi Village, Badami taluk, Bagalkote district, Karnataka |
| 3 | Co-ordinates of the Project Site | Latitude: N15 ^o 49' 57.8" to N 15 ^o 49' 55.1" Longitude: E75 ^o 36' 42.5" to E75 ^o 36' 40.3" |
| 4 | Type of Mineral | Ordinary 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 | 2.88 Ha |
| 9 | Actual Depth of sand in the lease area in case of River sand | NA |
| 10 | Depth of Sand proposed to be removed | 3.00 m |
| 11 | Rate of replenishment in case of river sand mining as specified in the sustainable sand mining | Not Applicable For Patta land |

| | | | | |
|----|--|-----------------------------------|---|----------|
| | guideline 2016 | | | |
| 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 | | 36,500 Tons/annum | |
| 14 | Quantity of Topsoil/Over burden in cubic meter | | Topsoil 1.00 m and Sand upto a depth of 3.0m | |
| 15 | Mineral Waste Handled (Metric Tons/ CUM)/ Annum | | 14,600 TPA | |
| 16 | Project Cost (Rs. In Crores) | | 1.86 crores | |
| 17 | Environmental Sensitivity | | | |
| | a. | Nearest Forest | Belavalkoppa Reseved Forest - 3.05 kms(N) | |
| | b. | Nearest Human Habitation | Hebballi - 0.54 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 - 200 mts (N) | |
| | 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 | 5-05 | |
| | b. | Waste Dumping Area | -- | |
| | c. | Top Soil Storage Area | 2-17 (Temporary) | |
| | d. | Mineral Storage Area | -- | |
| | e. | Infrastructure Area | -- | |
| | f. | Road Area | -- | |
| | g. | Green Belt Area/ Buffer Zone | 2-00 | |
| | 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 | 3.5 KLD |
| | | | Domestic | 0.49 KLD |
| | | | Other | 1.5 KLD |
| | | | Total | 5.49 KLD |

| | | |
|----|-----------------------------|---|
| 23 | Storm water management plan | <ul style="list-style-type: none"> • 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 215th meeting held on 21st January 2019 to provide clarification/ additional information.

The Hon'ble NGT order dated: 13-9-2018, 11-12-2018 and OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee and read before the committee. In view of the above orders and the OM lot of pending files at the DEAC/DEIAA are being received at SEIAA. Hence the Authority directed the SEAC to appraise the proposals accordingly.

The OM dated: 12th December 2018 issued by MoEFF & 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 which need to be appraised accordingly. 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.

As stated by the proponent the application for this proposal was made out to the DEIAA on 29-9-2018 and the DEAC has not taken up the appraisal and in the meantime the proponent has made out an application to the SEIAA for issual of EC in view of the change in policy decision.

This a sand mining proposal in patta land. As per the combined sketch there are two other leases within the 500 meter distance from this lease area. The total area of the three mining leases including this mining lease is 24 Acres 37 guntas which is less than the threshold limit of 25 Hectares. Hence this proposal has been appraised under B2 category. The area of mining lease is 7acres 5 guntas.

The committee noted that the patta land wherein the mining is proposed is 190 meter away from the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 517meter and average top level of the sand block is 525

meters and depth of mining including top soil depth of 0.5 meter is 3.5 meter. Hence the bottom of the mined pit will be at 521.5 meters i.e 4.5 meter above dry weather flow of Malaprabha river.

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed to be mined over a period of three years is 65,700 cum or 1,09,500 tons.

The stock yard is situated in Sy.No.108 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 850 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners.

As seen from the approved mining plan and the land area reserved for mining and considering the depth of 3.0 meter the total quantity that can be mined comes to 62,000 cum or 1,05,400 tons. The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

- 1) The overall depth of mining shall not exceed 3.0 meter from the top level at any point of time during the lease period.

The Authority perused the proposal and took note of the recommendation of SEAC in its 163rd Meeting held on 25th January 2019.


The Authority 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 total lease area in this cluster is 24 Acres 37 Guntas which is more than 5 Ha threshold limit. 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 OM dated: 12-12-2018 issued by MoEF & CC Government of India and sending recommendation deemed fit based on merit

The proposal was placed before the 218th meeting held on 13-3-2019. The proponent and Environment consultant attended the meeting to provide required clarification/additional information. The committee noted the instructions given by SEIAA about the categorization of the project. This project was categorized as B2 considering the threshold limit of 25 Ha. The earlier information furnished by the proponent states that there are two other quarries within the 500 meter radius from this quarry and total area of all these three quarries is 24.30 Acres. During the reappraisal of this proposal in light of the SEIAA direction proponent has produced a letter and cluster sketch stating that the two other quarries mentioned earlier are now exhausted and are not working now. Hence only this quarry will remain within the 500 meter radius and the area of this quarry being 7 Acres 5 guntas which is less than threshold limit of 5 Ha this proposal again fall under B2 category. Hence the appraisal made earlier holds good now also.

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

The meeting concluded with thanks to the Chair.



Chairman, SEAC
Karnataka.