**AGENDA ITEM FOR THE CONSENT FOR ESTABLISHMENT COMMITTEE**
**MEETING TO BE HELD ON 16.09.2019**
**AT A.P. POLLUTION CONTROL BOARD, ZONAL OFFICE, KURNOOL.**

**CFE AGENDA ITEM No.4**

M/s. Rassi Stone Crusher, (2.000 Ha, Road Metal & Building Stone Quarry), Prop: Sri. R. Chakrapani Reddy, Sy. No. 260, Kakavedu (V), Nagari (M), Chittoor District, Andhra Pradesh.

I. M/s. Rassi Stone Crusher, (2.000 Ha, Road Metal & Building Stone Quarry), Prop: Sri. R. Chakrapani Reddy, Sy. No. 260, Kakavedu (V), Nagari (M), Chittoor District, Andhra Pradesh has applied for CFE of the Board to carryout mining of Road Metal - 74,667 Cu.m/Annum in 2.0 Ha.

II. The EE, RO, Tirupati vide Ir.dt. 09.2019 submitted the CFE verification report. The details of the proposal as per the above report are given below:

1. **E.C. Status** : Nil
2. **Applied through** : OCMMS
3. **Date of Receipt of the CFE application at RO** : 27.08.2019
4. **Date of RO Inspection** : 06.09.2019
5. **Date of Receipt of consent verification report at ZO** : 11.09.2019
6. **Project cost** : Rs. 35.00 Lakhs
7. **Fee Details** : Amount: Rs.4000/- APOCMMS Receipt No: 147274277 Date: 27.08.2019.

8. **Area details** :
   i) Total area : 2.000 Ha
   ii) Built up area : ---
   iii) Greenbelt : ---
   iv) Nearest human habitation : The nearest habitation is viz., Kakavedu (V) is existing at a distance of about 2.5 Kms.
   v) Nearest water body : No water body exists within 500 mtr radius

9. **Surroundings** :
   North : Hillock
   South : Hillock
   East : Hillock
   West : Own vacant land

10. **Products / activity** :

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products</th>
<th>Proposed capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mining of Road metal (Mine Lease Area –2.0 Ha,)</td>
<td>74,667 Cu.m/Annum</td>
</tr>
</tbody>
</table>

11. **Source of Water** : Bore Well

12. **Water Consumption** :

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>For Dust suppression</td>
<td>1.0 KLD</td>
</tr>
<tr>
<td>b</td>
<td>For Domestic Purpose</td>
<td>1.0 KLD</td>
</tr>
<tr>
<td>c</td>
<td>For Greenbelt development</td>
<td>1.0 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>3.0 KLD</strong></td>
</tr>
</tbody>
</table>

13. **Waste water generation** :

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Source</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Domestic</td>
<td>0.8 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>0.8 KLD</strong></td>
</tr>
</tbody>
</table>

14. **Treatment & disposal of ETP** :

<table>
<thead>
<tr>
<th>Source of Effluent</th>
<th>Treatment proposed</th>
<th>Mode of final disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>--</td>
<td>Septic tank followed by Soak pit</td>
</tr>
</tbody>
</table>

15. **Air pollution sources & Control equipment** : Nil

16. **Fugitive emissions**:
### Sources

<table>
<thead>
<tr>
<th>Details of Fugitive Emissions:</th>
<th>Mitigation measures:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust emissions during excavation &amp; transportation.</td>
<td>The unit has provided the following measures to control the dust emissions during the mining activity.</td>
</tr>
</tbody>
</table>

- **a)** Water sprinkling for suppression of dust on the haulage roads.
- **b)** Workers will be suitable head gear and noise reducing protective gear like cotton mufflers etc., to protect them against noise generated by compressors, drilling machinery.
- **c)** Machinery will be maintained properly for minimizing the noise.
- **d)** Use of sharp drill bits for drilling holes.
- **e)** Regular grading of haul roads and service roads to clear accumulation of loose material.

### 17. Solid / Hazardous waste generation:

<table>
<thead>
<tr>
<th>Source of Solid Waste</th>
<th>Proposed Quantity</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil</td>
<td>8,296 Tons /Annnum</td>
<td>As per the Mining plan the waste generated during mining is proposed to be used in laying of new roads, strengthening of existing roads. Remaining waste will be dumped in dump yard for further use.</td>
</tr>
</tbody>
</table>

### 18. Inspection Officer Remarks:

**a.** 2.000 Ha, Road Metal & Building Stone Quarry of M/s. Rassi Stone Crusher, Prop: Sri. R. Chakrapani Reddy, Sy. No. 260, Kakavedu (V), Nagari (M), Chittoor District is an existing quarry and producing Road Metal - 74,667 Cu.m/Annnum in 2.0 Ha. the unit has obtained Work order from the Mines and Geology, Chittoor, Chittoor District vide Order Dt.03.07.2007 for a period of 15 years i.e., from 03.07.2007 to 02.07.2022.

**b.** Now, the unit has applied for Consent for Establishment of the Board through APOCMMS on 27.08.2019 for mining of Road Metal – 74,667 Cu.m/Annnum over an extent of 2.0 Ha. and paid Rs.4000/- APOCMMS Receipt No: 147274277 Date: 27.08.2019 under red-haz category.

**c.** As per EIA Notification 2006 and office Memorandum dt 18.05.2012, “decided that all mining projects of minor minerals including their renewal, irrespective of the size of the lease would henceforth require prior environmental clearance. Mining projects lease area up to less than 50 Ha including the projects of miner minerals with lease area less than 5 Ha would be treated as Category – B as defined in the EIA notification, 2006 and will be considered by the respective SEIAA’s notified by MoEF and the following the procedure prescribed under EIA notification 2006.

**d.** The Hon’ble Supreme Court of India in the case of Deepak Kumar Vs State of Haryana and Ors in its judgment dt.27.02.2012 in I.A.No.12-13 of 2011 in SLP No.19628 -19629 directing Inter-alia as follows. “Leases of miner minerals including their renewals for an area of less than 5 Ha be granted by the State s / UTs only after getting Environmental Clearance from the MoE&F”.

**e.** Further, the MoE&F, GoI, New Delhi have clarified regarding applicability of EIA Notification, 2006 on mining leases below less than 5 hectare (major minerals) and mining leases of minor minerals which have been operating before 14.09.2006, in the Circular No.J-No.J-15012/35/2007-IA.II(M)-Part, dated 2nd July, 2007 that.

**f.** “It is clarified that all such mining projects which did not require environmental clearance under the EIA Notification, 1994 would continue to operate without obtaining environmental clearance till the mining lease falls due for renewal. If there is no increase in lease area and / or there is no enhancement of production. In the event of any increase in lease area and or production, such projects would need to obtain prior environmental clearance. Further all such projects which have been operating without any environmental clearance would obtain environmental clearance at the time of their lease renewal even if there is no increase either in terms of lease area or production”

**g.** The clarification issued in the MoEF’s Circular dated 2nd July 2007, is applicable to those said mine leases of major and minor minerals with an extent of area less than 5.0 Ha, which were granted and existing prior to 18th May 2012 i.e., issue of MoEF Office Memorandum, for continuing the mining operation
h. The proposed method of mining will be Open cast semi-mechanized mine working of quarrying by using Excavator, Rock Breaker, Tippers, Tractors, Tractor mounted compressors, Jack Hammers, Water tankers, Pick-up/jeep. The proposed life of the mine is 15 years.

i. **Regarding Water Pollution:** Water will be required for dust suppression within quarry lease area and along approach road, greenbelt development and for domestic purpose, and the mining activity requires 3.0 KLD, which will be met from bore-well. The industry generates domestic waste water of 0.8 KLD and is proposed to be disposed into septic tank followed by soak pit.

j. Topsoil of 8,296 Tons /Annum is expected to be generated. As per the Mining plan the waste generated during mining is proposed to be used in laying of new roads, strengthening of existing roads. Remaining waste will be dumped in dump yard for further use.

k. The industry proposed to construct garland drains, retaining wall and siltation pond for the working pit to arrest the flow of silt and sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development etc.,

l. The major sources of air pollution are dust emissions during drilling, excavation & transportation. The details of pollution control measures proposed by the industry are reported above at Sl.No.13 (iii).

19. **RO's Remarks:**
   The issue of CFE to the mining activity may be examined.

20. **ZO's Remarks:**
    The attached inspection report forwarded by the EE, RO, Tirupati may be reviewed.

    The issue is placed before the CFE Committee for review and recommendations.