AGENDA ITEM FOR THE CONSENT FOR ESTABLISHMENT COMMITTEE
MEETING TO BE HELD ON 04.09.2019
AT A.P. POLLUTION CONTROL BOARD, ZONAL OFFICE, KURNOOL.

CFE AGENDA ITEM No. 5

I. Sri N.Harish Babu, (2.853 Ha, Road Metal & Building Stone Mine), Sy.No. 47/2, Kothuru (V), H/o Elavanellore (V), Ramasamudram (M), Chittoor District, Andhra Pradesh.

II. The EE, RO, Tirupati vide lr.dt.24.08.2019 submitted the CFE verification report. The details of the proposal as per the above report are given below:

2. Applied through : OCMMS
3. Date of Receipt of the CFE application at RO : 14.08.2019
4. Date of RO Inspection : 22.08.2019
5. Date of Receipt of consent verification report at ZO : 26.08.2019
6. Project cost : Rs. 35.00 Lakhs
7. Fee Details : Amount: Rs.4000/- APOCMMS Receipt No: 54255291 Date : 14.08.2019.
8. Area details:
   i) Total area : 2.853 Ha
   ii) Built up area : ---
   iii) Greenbelt : ---
   iv) Nearest human habitation : The nearest habitation is viz., Kothuru (V) is existing at a distance of about 1.0 Kms.
   v) Nearest water body : No water body exists within 500 mtr radius
9. Surroundings : North: Hillock
   South: Hillock
   East: Hillock
   West: Hillock
10. Products / activity:
    Sl. No. | Name of the Products | Proposed capacity
    1 | Mining of Road metal and Building Stone (Mine Lease Area –2.853 Ha.) | 1,42,500 TPA
11. Source of Water : Bore Well
12. Water Consumption:
    S.No. | Purpose | Quantity
    a | For Dust suppression | 2.0 KLD
    b | For Domestic Purpose | 1.0 KLD
    c | For Greenbelt development | 1.0 KLD
    Total | 4.0 KLD
13. Waste water generation:
    S.No. | Source | Quantity
    a | Domestic | 0.8 KLD
    Total | 0.8 KLD
14. Treatment & disposal of ETP:
    Source of Effluent | Treatment proposed | Mode of final disposal
    Domestic | -- | Septic tank followed by Soak pit
15. Air pollution sources & Control equipment : Nil
16. Fugitive emissions:
    Details of Fugitive Emissions:
    Dust emissions during excavation & transportation.
    Mitigation measures:
    The unit has proposed to implement the following measures to control the dust emissions during the mining activity.
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>Rock Waste</td>
<td>7,500 Tons / Year</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. Sri N.Harish Babu has proposed to carryout Road Metal & Building Stone Mine at Sy.No. 47/2, Kothuru (V), H/o Elavanellore (V), Ramasamudram (M), Chittoor District, Andhra Pradesh over an extent of 2.853 Ha. and has applied for Consent for Establishment of the Board for Road Metal & Building Stone – 1,42,500 TPA over an extent of 2.853 Ha.

b. The unit has obtained Environmental Clearance from SEIAA, Andhra Pradesh vide Order dated: 06.08.2019 for Road Metal & Building Stone Mine – 1,42,500 TPA over an extent of 2.853 Ha. Vide reference 1st cited above.

c. Subsequently, Sri N.Harish Babu has applied for CFE through APOCMMS on 14.08.2019 and paid Rs.4000/- APOCMMS Receipt No: 54255291 Date : 14.08.2019 under Red-Haz category.

d. The proposed method of mining will be Open cast semi-mechanized mine working of quarrying by using Excavator, Tippers, Jack Hammers, Tractor Compressors, Water tankers, Pick-up/jeep. The proposed life of the mine is 10.56 years.

e. 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 4.0 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.

f. Rock waste of 7,500 Tons / Year 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.

g. 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.,

h. 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.