

Mechanized Open cast Lime Stone mine with a production capacity of 50000 TPA by Smt.Swarna Akkamma- Lime stone mine located at sy.no. 855/61, Piduguralla Village and Mandal, Guntur District, Andhra Pradesh (ML Area: 184.07 acres (74.49 ha)) – TOR.

### **1. Location of the Project**

The Mine lease area is located at Survey No. 855/61, Piduguralla Village, Piduguralla Mandal, Guntur District, Andhra Pradesh. The mine lease area falls in the Survey of India topo sheet no. P15 with GPS (WGS-84 datum) co-ordinates of Latitude 16°30'15.38"N and Longitude 79°53'3.76"E. the site elevation above mean sea level (MSL) is 99 m. The nearest village Chendripalem located at a distance of 1.4km from the QL area in Southeast direction. The nearest town is Piduguralla located at a distance of 3.0 kms in South direction. Railway station is Piduguralla at a distance of 2.9 kms in Southwest direction. The road access is Piduguralla to Pillutla road is passing at a distance of 2.0km from the QL area in East direction. The lease area can be accessible through a cart track. Konanki Reserved forest is at a distance of 5.4km in NE direction. Janapadu Reserved forest is at a distance of 5.0km in SE direction. Seasonal Erra Vagu is at a distance of 3.2km in Southeast direction. Akurajupalli Major Canal is at a distance of 3.6km in West direction. There is no national park, wildlife/bird sanctuary and critically polluted areas within 10km radius from the quarry lease area

### **2. Reasons if Category 'B' Project to be considered as Category 'A' Project:**

No. It is 'A' category project, the ML area is 184.07 acres (74.49 ha) (>50 Ha). Lime stone recovered from the mine will be used for local kiln.

### **3. Details of Mine Plan, Mine Lease with Letter of IBM No. dated... and land use pattern including Forest Land.**

Smt. Swarna Akkamma- Lime stone mine has obtained lease order G.O.Ms. No. 144 dated 30.4.2005 for Lime stone mine over an extent of 184.07 acres (74.49 ha) at sy.no. 855/61, Piduguralla Villages and Mandal, Guntur District, Andhra Pradesh.

### **4. Method of Mining and details of letter of intent (LOI)/**

The proposed method of mining is mechanized open cast for limestone production by developing the benches by employing deep drilling, blasting, hydraulic excavators and dumpers. Benches of 3m will be developed for production. ROM material will be loaded by hydraulic excavators into dumpers to be sent to kilns. The sizing and segregation of mineral and waste will be done by loader.

## **5. Details of water requirement, waste generation and waste management**

Water requirement for the proposed mining is 24 KLD shall be met from mine seepage water / bore wells. Total water required is used for suppressing the dust, wetting drill the surface, green belt development and for domestic purpose. Sewage generated from domestic shall be sent to septic tank followed by soak pit. Waste generated will be stacked in the waste dump area and partly used for backfilling the worked out pits. Top soil generated will be stacked in the non-mineralised area and used for green belt development to reclaim the mined out pits.

## **6. Details of court case/violation**

There is no court case/litigation pending against the project. It is a green field project, no violations cases are involved.

## **7. Details of Cost of the project and its EMP cost**

Total cost estimated for the proposed project is Rs. 60 lakhs and Cost estimated for EMP is Rs. 15 lakhs.

## **8. Any other information**

The mine is proposed to cater the limestone requirement of local kilns.

Details of year-wise production in respect of mining projects

Details of mine lease:-

<b>1. Date of entering into original lease deed.</b> <i>New Mine, Recommended for grant of prospecting lease.</i>	<b>1. Date of 1<sup>st</sup> lease renewal</b>  NA	<b>1. Date of 2<sup>nd</sup> lease renewal</b>  NA	<b>1. Date of 3<sup>rd</sup> lease renewal</b>  NA
<b>2. Date of expiry of original lease deed</b> <i>20 years lease period</i>	<b>2. Whether renewal or deemed renewal</b>  NA	<b>2. Whether renewal or deemed renewal</b>  NA	<b>2.....</b>  NA
	<b>3. Date of expiry of 1<sup>st</sup> lease renewal/deemed renewal</b>  NA	<b>3. Date of expiry of 2<sup>nd</sup> lease renewal / deemed renewal</b>  NA	<b>3.....</b>  NA
<b>[ALSO FOR SUBSEQUENT RENEWALS.....]</b>			
<b>Production during 1993- till date</b>			
<b>Year</b>		<b>Production (in MT)</b>	
<i>New Mine</i>		<i>Nil</i>	