Brief Summary of
The Ramco Cements Limited - Green Field Cement Plant
3.15 MTPA Clinker, 2.0 MTPA Cement Plant &
50 MW Coal Based Captive Thermal Power Plant at
Kalvatala village of Kolimigundla mandal,
Kurnool district, Andhra Pradesh.

THE RAMCO CEMENTS LIMITED (**RCL**) (formerly Madras Cements Ltd.,) is the flagship company of **RAMCO** group whose diversified industrial ventures cover wide span of industries, which include manufacture of Cement, Ready Mix concrete, Research & Development, Textiles, Cotton yarns, Information technology, Asbestos sheets, Surgical cotton, Windmill farms, Thermal power plants, Bio-Technology etc.,

The cement production capacity is 18 Million Tonne Per Annum (MTPA). The company is the sixth largest cement producer in the country and the second largest in South India. The company is having cement plants at following locations:

- Ramasamy Raja Nagar (RR Nagar) near Virudhunagar, Tamil Nadu (establishment in Year 1959), now with a production capacity of 2.0 MTPA.
- Jayanthipuram (KSR Nagar) near Jaggaiahpet, Krishna Dist., Andhra Pradesh (established in the Year 1986), now with a production capacity of 3.65 MTPA.
- Alathiyur near Viridhachalam, Tamil Nadu (established in Year 2002), now with a production capacity of 3.0 MTPA.
- Mathodu near Chithradurga, Karnataka: 0.3 MTPA (since Year 2000) and expanded to 0.8 MTPA.
- Ariyalur : 5.0 MTPA capacity Cement Plant established in the year 2008.
- RCL has also set up the Cement Grinding Units near Fly Ash sources viz. Kattuputtur (0.75 MTPA) near Chennai, Valapadi (2.0 MTPA) near Salem in Tamil Nadu, Kolaghat (0.95 MTPA) in West Bengal and Gobburupalem (0.95 MTPA) near Anakapalli, AP.

RCL proposes to setup a Greenfield Cement Project of production 3.15 MTPA Clinker and 2.0 MTPA Cement Plant and 50MW (2 X 25 MW) Captive Thermal Power Plant, at Kalvatala village, Kolimigundla Mandal of Kurnool district, Andhra Pradesh. The limestone

requirement of the plant will be 4.5 Million TPA which will be met from the Captive Limestone Mining Leases located adjacent. The primary markets of interest for **RCL** are AP, Karnataka, Tamilnadu, Odisha, Maharashtra and Kerala.

The cement plant will be located in an area of 186.56 ha.

The principal raw materials are Limestone, iron ore, Coal and Gypsum. The major raw material, limestone will be met from Captive limestone mine.

The Captive Limestone mines spread over an area of 1957.36 Ha with about 386.62 million tonnes of mineable reserves will meet the limestone requirement for more than 86 years.

Indian Coal, Imported Coal and Pet Coke is required for Cement plant Coal. Indian coal is sourced from Singareni Collieries Company Limited (SCCL), and imported coal from South Africa/Australia/Indonesia & USA. Petcoke will be sourced from Indian Refineries.

Water requirement of the plant is 5500 m^3/day and will be met from Ground water/canal proposed to be laid by APIIC.

The project is based on Clinkerization factor of 1.5 (Raw meal to clinker) with specific heat consumption of 720 Kcal/ kg clinker.

No solid waste generation from the plant.

Wastewater generation is only from domestic use and the same is treated in Sewage Treatment Plant.

There are no wild life sanctuaries, national parks, elephant/tiger reserves within 10km radius of the study area.

Infrastructure include railway siding, roads, storm water drains with adequate storage space for clinker and flyash and parking area will be developed.

Housing Colony with about 400 houses is proposed.

Greenbelt will be developed in about 31.16 Ha.

The total power requirement of the cement plant including colony is estimated to be about 45 MW which will be met from the proposed 50 MW Captive Power Plant.

2 x 1250 KVA DG sets will be installed as standby power supply units. These DG sets will be operated only when there is a normal power supply failure.

Plant expected to be commissioned by November 2019.

Total capital Investment Cost is Rs. 1500 crores in 2 phases and Rs. 120 crores will be spent for Environmental Management Plan.

The project exhibits a good Internal Rate of Return of 17.2% on total Investment. The IRR on equity is calculated to be 13.36 % (after tax).

Various sensitivity analysis indicate reasonable project and cash break- even percentages. In view of the acceptable level of returns, the project is financially feasible.