

Broad estimation for a Clinkerisation Capacity =
5000 TPD
(All values are in Lacs of INR)

Sr. No.	Plant & Capacities	Land		Civil Construction	Contract Equipment & Technical Material			Contract Technical Services			Remark
		Plant Land	Mines Lease		Mechanical	Electrical & Instrumentation	Spare for Two Years	Consultancy	Engineering	Technical Documentation	
1	Land for Pyro Processing Plant & Mines Lease	3050	-	-	-	-	-	-	-	-	-
2	Mines Office, Mines Workshop & Mining Machinery	-	9150	700	3500	300	150	-	-	-	-
3	Administrative, Office Buildings, Canteen, Security Gates & other infrastructure development	-	-	1650	-	-	-	-	-	-	-
4	Pyro processing Plant (Crusher + Stackers + Reclaimer + Raw Mill + Preheater + Kiln + Cooler)	-	-	4100	19450	7500	1500	400	200	100	-
5	CCR & Laboratory for Clinkerisation	-	-	350	-	-	-	-	-	-	-
6	Construction of Civil Structure + Silos + Roads For Pyro processing	-	-	5150	-	-	-	-	-	-	-
7	Power Plant Equipments	-	-	-	14300	5500	-	-	-	-	-
8	Power Plant Buildings & Structures	-	-	2000	-	-	-	-	-	-	-
9	Land for Split located Grinding unit	1100	-	-	-	-	-	-	-	-	-
10	Clinker Grinding & Packing Plant	-	-	3250	7500	2450	300	200	100	50	
11	Construction of Civil Structure + Silos + Roads For Clinker Grinding	-	-	1800	-	-	-	-	-	-	Only in case of split located
12	CCR & Laboratory for Grinding	-	-	150	-	-	-	-	-	-	
13	Auxiliary Building, Mechanical & Electrical Workshop & Stores	-	-	150	400	200	-	-	-	-	-
14	Railway Siding, Wagon Loading Platform & Loco Shed	-	-	550	250	100	-	-	-	-	-
15	Wagon Tippler	-	-	1450	850	150	-	-	-	-	-
16	Waste Heat Recovery System (Approx. 5.5 MW)	-	-	650	3850	750	-	-	-	-	-
17	Colony & Amenities Development	-	-	3250	150	450	-	-	-	-	-

Please see the comments & clarifications overleaf

COMMENTS & CLARIFICATIONS

- > Land Value for plant & land for mines lease are taken tentative. This may vary case to case of region and location i.e. prime or remote area.
- > Cost of Plant & Equipment are subjected to differ as per technology opted & suppliers offer on various basis.
- > Values have been taken as per split values of machinery section due to consideration of Green field, Brown field & Split located facilities. This can be reworked with grouping of facilities. The combined cost will reduce due to joint sharing of resources.
- > The cost of Engineering is differentiated from supplies; However, it is generally included in consolidated pricing.
- > Chinese equipment may cost 20 to 30% lesser than the other suppliers.