

The detail of various facilities in proposed expansion along with existing facilities is as-mentioned below:

Sl. No.	Facilities	Proposed New Facilities / Capacity After Expansion	Proposed New Facilities Area in Hectare
1	Railway Siding at Kandra Railway Yard	Proposed to be Mechanized	
2	Pellet Plant	4 x 0.8MTPA	18.60
3	Coal beneficiation / Washing Unit (Not in use now, but to be used whenever required)	-	
4	Coke Oven	0.24MTPA	1.93
5	Sinter Plant 35m <sup>2</sup>	0.429MTPA	
6	DRI Kilns		
a.	2 x 350 TPD	-	
b.	2 x 600 TPD	0.396MTPA	
7	Mini Blast Furnace 350m <sup>3</sup> with BPRT	0.428MTPA	
8	Steel Melting Shop		
a.	Induction Furnace Shop no.1, 4x12T dual crucible I.F with Billet caster to be uprated with 3x30T dual crucible I.F.		
b.	Induction Furnace Shop no.2, 5x20T dual crucible I.F with Billet caster.	0.247MTPA	
c.	Energy Optimizing Furnace Shop of 40T heat weight with Ladle Furnace & Vacuum Degassing & Bloom/Billet Caster.	0.520MTPA	



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Sl. No.	Facilities	Proposed New Facilities / Capacity After Expansion	Proposed New Facilities Area in Hectare
9	Rolling Mills		
a.	Bar & Rod Mill (R.M No.1)	0.5MTPA Bars & Rods in Coil.	2.02
b.	TMT Mill / Hot Strip Mill / Pipe Mill (R.M No.2)	0.212MTPA Rods in Coil / Straight length, Hot Rolled Coils & Pipes	
10	Power Generation Facilities		
i.	a. AFBC Boiler 35TPH (Standby after new CFBC is commissioned) b. Steam from WHRB 40 x 2 TPH c. Turbine & Generator Unit		
ii.	a. CFBC Boiler 180TPH b. Steam from WHRB 60 x 2 TPH c. Coke Oven WHRB 40 TPH d. Dry Quenching Steam Grid e. Turbine & Generator Unit	80MW	0.737
11	Utilities		
a.	Oxygen Plant	320TPD	
b.	Producer Gas Plant	30,000 Nm <sup>3</sup> /Hr	
12	Green Belt		11.543
	Total Area		34.83

  
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