

SUMMARISED DATA

Sl.No.	Particulars	Unit	Details					
1.00	Name of the Project		Vijay West Underground Mine, Chirimiri Area, SECL.					
2.00	Area of the							
2.01	Geological block	Sq.km.	12.00					
2.02	Total Project	Sq.km.	4.381					
2.03	Mining	Sq.km.	4.250					
2.04	Residential, road etc.	Sq.km.	0.131					
3.00	Reserves							
3.01	Mine-able	MT	58.858					
3.02	Extractable	MT	11.086					
4.00	Production							
4.01	Average annual	MTY	0.498					
4.02	Peak	MTY	0.54					
4.03	Phasing							
4.03.01		Year	1 st yr.	2 nd yr.	3 rd yr.	4 th yr.	5 th yr.	Average
		MT	0	0.045	0.138	0.350	0.48	0.500
5.00	Life of the project	Year	26.00					
6.00	Mine Entries							
			Entries	Size	Length/Depth up to Seam-I	Purpose		
			Incline No. 1	4.8 cm x 3 m gradient 1 in 4.5	435 m	Main intake airway & coal transport by belt Conveyor		
			Incline No.2	4.8 cm x 3 m gradient 1 in 4.5	435 m	Main intake airway & material transport by haulage		
			Air shaft	5 m diameter	80 m	Main return airway for the mine.		
7.00	Method of Work		Bord & Pillar system of Mining					
8.00	Average grade of coal		ROM Coal "C/D" Long fire(on weighted average basis)					
9.00	Gassiness of Mine		Degree-I gassiness.					
10.00	Total Capital	Rs(Lakh)	6,356.328					

Sl.No.	Particulars	Unit	Details
11.00	Specific Investment	(Rs/ Te)	1,271.27
12.00	Total Capital on P&M (including pump, electricals, CHP & Workshop)	Rs(Lakh)	4,083.648
13.00	Total Manpower	No.	710
14.00	O.M.S (Te)	Te	2.69
15.00	E.M.S.	Rs.	540.43
16.00	Operating Cost (without interest on loan capital)		
16.01	At 100 % production	Rs / Te	627.838
16.02	At 85 % production	Rs / Te	715.171
17.00	Weighted average from ROM Coal price	Rs / Te	840.181
18.00	Profit		
18.01	At 100 % production	Rs / Te	215.343
18.02	At 85 % production	Rs / Te	125.011
	IRR		
	At 100 % production	%	25.07
	At 85 % production	%	13.33
19.00	Capital Expenditure on EMP	Rs(Lakh)	255.036
20.00	EMP Cost		
20.01	Without interest on loan capital	Rs/Te.	10.15