



MCL

पत्रांक : एमसीएल/मुख्यालय/महाप्रबंधक(वाशरी)/RFP-Bas/15-16/1857

दिनांक: 17.11.2015

STATEMENT SHOWING COST BENEFIT ANALYSIS OF BASUNDHARA WASHERY (10 MTY) BASED ON LOWEST BIDDER

Cost Benefit Analysis based on economic viability of the project has been calculated at 85 % capacity utilisation (copy enclosed) with considering the data given below. IRR comes to 83.82% which is more than 12%, payback Period is 12.87 months (Pre Tax) and 18.41 months (Post Tax). Hence, project is economically viable.

a. Raw coal input	:	10 Mtpa for 10 years of operation
b. Washed coal Price	:	Rs. 1600.17/ton
c. Washed coal yield	:	74.56 (on dry basis)
d. Set up Cost (in INR Cr)	:	334.72
e. Quoted Washing Charge	:	Rs. 71.91/ton
f. Water & Power Cost	:	Rs. 26.73/ton
g. Total Washing Cost	:	Rs. 98.64/ton

Letter of Intimation (LoI) has been issued to Lowest Bidder in May'2014 for the Basundhara Washery (10 Mtpa) with due approval of MCL Board.

General Manager (Washery), MCL

Director Technical (P&P), MCL

GM, Basundhara Area

(Anil Kumar)
Ch. Manager (E&M/Washery)

Statement showing cashflow of Basundhara Washery with M/S. ACB(I) Ltd BID

At 85% capacity

(Rs.lakhs)

capex washery	opex washery	input coal price(Rs./te.)	Total outflow	sale value washed coal 1600.17	Net flow Pre Tax	Payback Pre Tax(mths)	I Tax 33.33%	Net flow Post Tax	Payback Post Tax(mths)
3347		712.40	3347	0	-3347			-3347	
30125			30125	0	-30125			-30125	
	9596	60554	70150	101412	31262		9296	21966	
	10214	60554	70768	101412	30644	12.87	9090	21554	18.41
	10878	60554	71432	101412	29981		8869	21112	
	11590	60554	72144	101412	29268		8632	20637	
	12356	60554	72910	101412	28503		8377	20126	
	13178	60554	73732	101412	27680		8103	19577	
	14063	60554	74617	101412	26796		7808	18987	
	15013	60554	75567	101412	25845		7492	18353	
	16035	60554	76589	101412	24823		7152	17672	
	17134.1	60554	77688	101412	23724		6786	16939	
					IRR@ 85% 83.82%				

note:

- 1.Raw coal price including Clean energy cess,SED,Royalty,Transport charges,Sizing charges
- 2.Washed coal price excludes all taxes and duties
- 3.Other costs incurred by MCL towards Washery are not considered.
- 4.Contractual Cost of transportation to washery(0-1Km)has been taken as Rs.10.00 per tonne

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16/04/2014

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16/4/2014