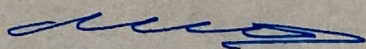
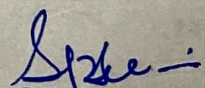


**Detail of Cost for 2 x 21 MW (42 MW) Baggi Hydro Electric Power Project**

Name of Project	Baggi Power House	
Capacity	21x2=42 MW	Details as per Annexure 'B' enclosed
Design Energy	135.6 MUs per annum	
Project Cost	Rs 256.65 Cr (Electrical component = Rs 139.00 Cr Civil component = Rs 117.65 Cr)	
IDC @ 10.20%	Rs. 24.01 Cr (Calculation Sheet attached)	
Project cost including IDC	Rs 280.66 Cr	
Total Project cost including IDC & LADF @ 1.5 %	Rs. 284.87 Cr	
Debt (70% of Project Cost including LADF plus IDC)	Rs 206.61 Cr	
Equity (30% of Project Cost including LADF)	Rs 78.26 Cr	
ROE	@10%	
Loan repayment period	12 years	
Interest on loan	@10.20% per Annum	
O&M	@1.5% of Total Project Cost	
O & M Escalation	@ 4.77% per annum of O&M	
Depreciation	@ 4.39 % i.e. Weighted Average of <u>Civil Part @ 3.34%</u> & <u>Electrical Part @ 5.28%</u> (linear for 12 years and balance Depreciable amount equally divided over the remaining useful life).	
Auxiliary Consumption including Transformation losses	@ 1%	
Working capital	i) O & M expenses for one month ii) Receivable equivalent to 45 days of Annual Fixed Charges iii) Maintenance spares @ 15 % of O & M expenses	
Interest on Working Capital	@ 11.20%	
Cost of generation (With Free Power and LADF)	Rs 3.69 /unit	

  
**Chief Engineer/BSL (P),**  
**BBMB, Sundernagar**  
**Distt. Mandi HP)**

  
**Er. S.P. Sharma**  
**Sr. Xen,**  
**HC & BG Divn., SNR.**