

Myagdi Khola HPP (65 MW)						
PROJECT COST ESTIMATE						
	Installed capacity (kW)		65000			
Item No.	Detail	%	Cost in NRs	VAT Complying %	VAT Complying Amount (NRs)	% Allocations
A	Civil Works					
A.1	Civil Surface Works		1,786,698,000.00	100%	1,786,698,000.00	
A.2	Civil Underground Works		2,455,455,000.00	100%	2,455,455,000.00	
	Base Cost of Civil		4,242,153,000.00			36.48%
B	Electromechanical, Hydro-mechanical & Transmission Line					
B.1	Electro-mechanical Works including Accessories		1,794,337,000.00	5%	89,716,850.00	
B.2	Hydro-mechanical Works		1,011,918,000.00	50%	505,959,000.00	
B.3	Transmission line including land acquisition		346,500,000.00	100%	346,500,000.00	
	Base Cost of EM, HM & TL		3,152,755,000.00			27.11%
	Total Base Cost (Total of A & B)		7,394,908,000.00			
C	Infrastructures and Logistics					
C.1	Mobilization cost for initial infrastructural development		80,000,000.00	100%	80,000,000.00	
C.2	Access Road , Bridge Construction and Maintenance		449,505,000.00	100%	449,505,000.00	
C.3	Connecting Roads to Adits		91250000.00	100%	91,250,000.00	
C.4	Camp facilities		150,000,000.00	100%	150,000,000.00	
C.5	General Items (Bunker setup and running cost)		35,000,000.00	100%	35,000,000.00	
	Total of Infrastructure Cost		805,755,000.00			6.93%
D	EIA including mitigation and monitoring					
	EIA Cost including mitigation and monitoring		123,461,000.00	0%	0.00	
	Total EIA cost		123,461,000.00			1.06%
E	Land Acquisition, Compensation and Development					
	Land acquisition, Compensation and Development Cost (As per EIA)		165,000,000.00	0%	0.00	
	Total Land cost		165,000,000.00			1.42%
F	Engineering Design and Supervision Cost					
F.1	Owner's Engineering and Supervision		380,000,000.00	100%	380,000,000.00	
F.2	Site Investigation costs		50,000,000.00	100%	50,000,000.00	
F.3	Physical Modelling and Geotechnical Investigation		30,000,000.00	100%	30,000,000.00	
	Total of Engineering Design and Supervision Cost		460,000,000.00			3.96%
G	Project Management Cost during Construction					
G.1	Vehicle Setup, maintainance and running cost		79,000,000.00	100%	79,000,000.00	
G.2	Office equipment, computer, printer stationaries and running cost		36,000,000.00	100%	36,000,000.00	
G.3	Administrative and Management Cost		100,000,000.00	100%	100,000,000.00	
	Total of Project Management Cost during Construction		215,000,000.00			1.85%
H	Construction Power					
	Construction Power to Project area and distribution works in the area		100,000,000.00	100%	100,000,000.00	
	Total of Construction Power Cost		100,000,000.00			0.86%
I	Pre Project Development					
	Pre Project Development Cost		200,000,000.00	100%	200,000,000.00	
	Total of Pre project development cost		200,000,000.00			1.72%
J	Insurance During Construction					
	Insurance During Construction (1% of Total Base Cost)		73,949,080.00	100%	73,949,080.00	
	Total of Insurance During Construction Cost		73,949,080.00			0.64%
K	Loan Management Cost					
	Loan Management Cost (0.5% of Loan Amount)	0.50%	58,148,817			
	Total of Loan Management Cost		58,148,817			
L	Contingencies					
L.1	Physical Contingencies					
	Physical Contingency @ 10% for Surface Civil Works	10%	178,669,800.00	100%	178,669,800.00	
	Physical Contingency @ 15% for Underground Civil Works	15%	368,318,250.00	100%	368,318,250.00	
	Physical Contingency @ 4% for EM	4%	71,773,480.00	5%	3,588,674.00	
	Physical Contingency @ 5% for HM	5%	50,595,900.00	50%	25,297,950.00	
	Physical Contingency @ 5% for TL	5%	17,325,000.00	100%	17,325,000.00	
	Physical Contingency @ 5% for Infrastructure Works	5%	40,287,750.00	100%	40,287,750.00	
	Physical Contingency @ 5% for Construction Power	5%	5,000,000.00	100%	5,000,000.00	
	Total of Physical Contingencies		731,970,180.00			6.29%
L.2	Price Contingency					
	Price Contingency @ 5 % of Civil base cost A	5%	212,107,650.00	100%	212,107,650.00	
	Price Contingency @ 3% of EM	3%	53,830,110.00	5%	2,691,505.50	
	Price Contingency @ 3% of HM	3%	30,357,540.00	50%	15,178,770.00	

	Price Contingency @ 3% of TL	3%	10,395,000.00	100%	10,395,000.00	
	Total of Price Contingencies		306,690,300.00			2.64%
M	Custom Tax					
	Custom duty applicable in none VAT complying amount	1%	23,703,793.00			
	Total of Custom Tax		23,703,793.00			0.20%
N	VAT Amount					
	Total VAT amount	13%	1,029,326,126.00			8.85%
	Total TAX and VAT (Total of G and H)		1,053,029,919.00			
	TOTAL PROJECT COST EXCLUDING VAT & TAX, NRs		10,576,733,560.00			
	TOTAL PROJECT COST INCLUDING VAT & TAX, NRs		11,629,763,479.00			
	TOTAL PROJECT COST INCLUDING VAT, NRs (in millions)		11,629.76			
	TOTAL PROJECT COST INCLUDING IDC, NRs		12,977,428,611.33			
	Unit cost (Without IDC)			178,919,438.14	NRs./MW	
	Unit cost (With IDC)			199,652,747.87	NRs./MW	

	Financial Analysis assumptions					
	IDC Calculated		1,289,516,315			
	Interest rate		11%			
	Construction Period		3 years			
	Disbursement					
		1st	15%			
		2nd	35%			
		3rd	50%			