COST BENEFIT ANALYSIS				
NAME OF THE PROJECT :	Widening and improvement of Package- IV of Imphal-Jiribam Road Section of NH-37 (NH-53) into two laning of existing Ch. 67+496 km from Khumji village to Ch. 103+557 km near Khongsang village of Noney district in the State of Manipur by NHIDCL			
NATURE OF PROPOSAL :	Diversion of Forest Land under FCA, 1980 for road widening.			
PURPOSE:	This Cost Benefit Analysis is being undertaken for Proposed Diversion of Forest Land being affected due to Widening and improvement of Package- IV of Imphal- Jiribam Road Section of NH-37 (NH-53) into two laning of existing Ch. 67+496 km from Khumji village to Ch. 103+557 km near Khongsang village of Noney district in the State of Manipur by NHIDCL			

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which is 10% of CA item work cost for a maintenance	6 7 8	railways etc) on forest land, or which would require forest land if these facilities were diverted due to the project. Possession Value of Forest Land Diverted Suffering to oustees Habitat Fragmentation Cost Compensatory Afforestation and	The widening and strengthening of the pr the existing road, so 50% of NPV = 50% of Rs. 635.611 Compensatory Afforestation cost of 174 87.07 Ha proposed Forest Land Diversion =	Nil oject road is to be there are no suffer Lakhs = .14 Ha land for = Rs.348.28 Lakhs	190.683 La undertaken on the ac ings to oustees. 317.806 La	khs Ijoining land d				
	6 7 8	railways etc) on forest land, or which would require forest land if these facilities were diverted due to the project. Possession Value of Forest Land Diverted Suffering to oustees Habitat Fragmentation Cost Compensatory Afforestation and Soil & Moisture Conservation	The widening and strengthening of the pr the existing road, so 50% of NPV = 50% of Rs. 635.611 Compensatory Afforestation cost of 174 87.07 Ha proposed Forest Land Diversion = (including Rs.34.83 Lakhs as soil & moist	Nil oject road is to be there are no suffer Lakhs = 14 Ha land for = Rs.348.28 Lakhs IFE CORSERVATION	190.683 La undertaken on the ac ings to oustees. 317.806 La	khs ljoining land c				
	6 7 8	railways etc) on forest land, or which would require forest land if these facilities were diverted due to the project. Possession Value of Forest Land Diverted Suffering to oustees Habitat Fragmentation Cost Compensatory Afforestation and Soil & Moisture Conservation	The widening and strengthening of the pr the existing road, so 50% of NPV = 50% of Rs. 635.611 Compensatory Afforestation cost of 174 87.07 Ha proposed Forest Land Diversion = (including Rs.34.83 Lakhs as soil & moistu cost which is 10% of CA item work cost fo	Nil oject road is to be there are no suffer Lakhs = 14 Ha land for = Rs.348.28 Lakhs IFE CORSERVATION	190.683 La undertaken on the ac ings to oustees. 317.806 La	khs ljoining land c khs				
which is 10% of CA item work cost for a maintenance	5	railways etc) on forest land, or which would require forest land if these facilities were diverted due to the project. Possession Value of Forest Land	30% of NPV = 30% of Rs. 635.611	Lakhs =						
period of 8 years)	6 7 8	railways etc) on forest land, or which would require forest land if these facilities were diverted due to the project. Possession Value of Forest Land Diverted Suffering to oustees Habitat Fragmentation Cost Compensatory Afforestation and Soil & Moisture Conservation Cost	The widening and strengthening of the pr the existing road, so 50% of NPV = 50% of Rs. 635.611 Compensatory Afforestation cost of 174 87.07 Ha proposed Forest Land Diversion = (including Rs.34.83 Lakhs as soil & moist	Nil oject road is to be there are no suffer Lakhs = 14 Ha land for = Rs.348.28 Lakhs IFE CORSERVATION	190.683 La undertaken on the ac ings to oustees. 317.806 La	khs ljoining land o khs				



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SI.	Parameters			Description		
1	Increase in Productivity and	1/18000*(1.05)^5) x (2 71/30) x {(10%x5	+ 5%x10 + 2%x15)}'		
'	Economy		ige Length / Road			
		x (i deke	ige zengan, note			
		Economic Im	provement in the P			
		(Churachandpur) co				
				project. This benefit	460.64	9 Lakhs
				of 10%, 10 years for		
				hanced rate of 2%		
				pre / annum in 2014-		
		15, Population of M	anipur is 30 Lacs a	nd Noney District is		
2	Benefits on vehicle operation &					
	maintenance cost due to		(100.000.0	0.1.1.1.
	improvement of the project Road	6630 Lakhs per	year x 30 years for	r Saving in VOC	198,900.0	U Lakhs
3	No. of Population benefited due	Deputation along NH	27 Manay District	chall be benefited from	o the project	
5		Population along NH-37 Noney District shall be benefited from the project.				
	to specific project	In addition the proje	-37 Noney District	sital be benefited itor	l development (of the surrounding
	to specific project	In addition, the proje	ct will boost the ag	gricultural and Industria	il development o	of the surrounding
	to specific project	In addition, the proje area which will event	ct will boost the ag	gricultural and Industria	il development o	of the surrounding
		In addition, the proje area which will event	ct will boost the ac ually boost the ecc	gricultural and Industria pnomic growth.	il development o	of the surrounding
4	Economic benefits due to direct	In addition, the proje area which will event 1. Employment Poter	ct will boost the ag ually boost the ecc ntial – Construction	gricultural and Industria	I development o	
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type	ct will boost the ac ually boost the ecc ntial – Construction No.	gricultural and Industria onomic growth. Rate / Day	I development o Years	Amt (Lakhs)
4	Economic benefits due to direct	In addition, the proje area which will event 1. Employment Poter Type Skilled	ct will boost the ac ually boost the ecc ntial – Construction No. 50	pricultural and Industria promic growth. Rate / Day 600	I development o Years 3	Amt (Lakhs) 328.500
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled	ct will boost the ac ually boost the ecc htial – Construction No. 50 16	gricultural and Industria promic growth. Rate / Day 600 350	I development of Years	Amt (Lakhs) 328.500 61.320
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled	ct will boost the ac ually boost the ecc ntial – Construction No. 50	pricultural and Industria promic growth. Rate / Day 600	I development o Years 3	Amt (Lakhs) 328.500 61.320 82.125
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled	ct will boost the ac ually boost the ecc htial – Construction No. 50 16	gricultural and Industria promic growth. Rate / Day 600 350	I development of Years	Amt (Lakhs) 328.500 61.320 82.125
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3	gricultural and Industria promic growth. Rate / Day 600 350 2,500	I development of Years	Amt (Lakhs) 328.500 61.320 82.125
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical 2. Employment Poter	ct will boost the ac ually boost the ecc ntial – Construction No. 50 16 3 ntial – Maintenance	gricultural and Industria ponomic growth. Rate / Day 600 350 2,500	Years Years 3 3 3	Amt (Lakhs) 328.500 61.320 82.125
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3	gricultural and Industria promic growth. Rate / Day 600 350 2,500	I development of Years	Amt (Lakhs) 328.500 61.320 82.125 471.945
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical 2. Employment Poter Type	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3 ntial – Maintenance No.	gricultural and Industria pormic growth. Rate / Day 600 350 2,500 2,500	Years Years 3 3 3 Years	Amt (Lakhs) 328.500 61.320 82.125 471.945 Amt (Lakhs) 197.100
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical 2. Employment Poter Type Skilled	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3 ntial – Maintenance No. 3	gricultural and Industria promic growth. Rate / Day 600 350 2,500 Rate / Day 600	Years 3 3 3 Years 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Amt (Lakhs) 328.500 61.320 82.125 471.945 Amt (Lakhs)
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled 2. Employment Poter Type Skilled Semi Skilled	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3 mtial – Maintenance No. 3 2	gricultural and Industria promic growth. Rate / Day 600 350 2,500 2 Rate / Day 600 350 2,500	Years 3 3 3 3 3 3 3 3 3 3 3 3 3 0 30	Amt (Lakhs) 328.500 61.320 82.125 471.945 Amt (Lakhs) 197.100 76.650
4	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical 2. Employment Poter Type Skilled Semi Skilled Technical	ct will boost the ac ually boost the ecc ntial – Construction No. 16 3 ntial – Maintenance No. 3 2 1	gricultural and Industria promic growth. Rate / Day 600 350 2,500 2 Rate / Day 600 350 2,500	Years 3 3 3 3 3 3 Years 30 30 30 30	Amt (Lakhs) 328.500 61.320 82.125 471.945 Amt (Lakhs) 197.100 76.650 273.750 547.500
4	Economic benefits due to direct and indirect employment due to the project	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled 2. Employment Poter Type Skilled Semi Skilled Technical Total Employment	ct will boost the ac ually boost the ecc ntial – Construction No. 50 16 3	gricultural and Industria promic growth. Rate / Day 600 350 2,500 Rate / Day 600 350 2,500	Years 3 3 3 3 3 3 Years 30 30 30 30	Amt (Lakhs) 328.500 61.320 82.125 471.94 Amt (Lakhs) 197.100 76.650 273.750
	Economic benefits due to direct and indirect employment due to	In addition, the proje area which will event 1. Employment Poter Type Skilled Semi Skilled Technical 2. Employment Poter Type Skilled Semi Skilled Technical	ct will boost the ac ually boost the eco ntial – Construction No. 50 16 3	ricultural and Industria promic growth. Rate / Day 600 350 2,500 Rate / Day 600 350 2,500 rate for a	Years 3 3 3 Years 30 30 30 1,019.4	Amt (Lakhs) 328.500 61.320 82.125 471.949 Amt (Lakhs) 197.100 76.650 273.750 547.500

