

Project : Special Repair For NH-06 – Package IV [Kolasib to Sethawn Addict Center (14 km)]								
Bill of Quantity for								
Special Repair works of Existing road from 95+000 to Km 107+000								
SI No	Description	Unit	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Cost Rs
1.00	SITE CLEARENCE							
1.01	Bush clearence	Km	12			12.00	9,559.00	114708.00
1.02	Hill side drain clearances	m	12000			12000.00	68.00	816000.00
1.03	Land slide clearence	Cum	LS			5000.00	52.00	260000.00
1.04	Scarification of Existing Bituminous surface	Sqm	14000	7		98000.00	23.00	2254000.00
1.05	Hiring of JCB (30Days) Per Day 8 Hrs	Hrs				240.00	2,500.00	600000.00
1.06	Maintenance of Earth Shoulder (stripping excess soil) (Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor) Both Sides	sqm	6000	2		12000.00	33.00	396000.00
1.07	Maintenance of Earthen Shoulder (filling with fresh soil) (Making up loss of material/irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.) Both Side of Road	Sqm	6000	2		12000.00	109.00	1308000.00
	Sub Total :							5748708.00
2	GRANULAR SUB-BASE & BASE COURSE							
2.01	Granular Sub base (GSB)	Cum	150	11.01	0.15	412.875	2927.00	1208485.13
2.02	Wet mix Macadam (WMM)	Cum	1000	7.5	0.25	1875	4313.00	8086875.00
	Sub Total :							9295360.13
3	BITUMINOUS BASE AND SURFACE COURSES							
3.01	Prime coat	Sqm	1000	7		7000	48.00	336000.00
3.02	Tack coat on WMM	Sqm	1000	7		7000	32.00	224000.00
3.02	Tack coat on DBM	Sqm	1000	7		7000	29.00	203000.00
3.03	Tackcoat on existing bituminous surface	Sqm	11000	7		77000	22.00	1694000.00
3.04	Dense Bituminous Macadam (DBM)	Cum	1000	7	0.05	350	14971.00	5239850.00
3.05	Bituminous concrete	Cum	12000	7	0.04	3360	16613.00	55819680.00
	Sub Total :							63516530.00
4	RIGID PAVEMENT							
4.01	Dry Lean Concrete (DLC)	Cum	150	8.5	0.15	191.25	7,005.00	1339706.25
4.02	Pavement Quality Concrete (PQC)	Cum	150	7	0.28	294.00	16,119.00	4738986.00
	Sub Total :							6078692.25
6	Gabion Retaining Wall 10m height							
6.01	PCC M20 Concrete	Cum	50			12.00	10,640.00	127680.00
6.02	Gabion Structure	Cum	50			2125.00	3,695.00	7851875.00
6.03	Geo-Textile Fabric	Sqm	50			600.00	150.00	90000.00
	Sub Total :							8069555.00
7	Traffic Signs and other Road appurtenances							
7.01	Metal beam crash barrier	m	200			200	6,703.00	1340600.00
	Sub Total :							1340600.00
8	Pipe Culverts							
8.01	Blockage clearances (30 Nos' of Pipe)	Cum				406.94	74.00	30113.86
	Sub Total :							30113.86
	Total							₹ 9,40,79,559.23
	Work Value Less 6% VAT in above Rate							₹ 8,84,34,786
	GST (12 %)							₹ 1,06,12,174
	Bid Price (Work Value +GST)							₹ 9,90,46,960
	Agency Charges (9%)							₹ 79,59,131
	GST (18%) on Agency Charges							₹ 14,32,644
	Final Cost (Rs)							₹ 10,84,38,734
	Final cost (Cr)							₹ 10.84