

Project : Special Repair For NH-306 – Package II [N.Chhimluang to Bilkhawthlir (14 km)]								
Bill of Quantity For								
Special Repair works of Existing road from 56+000 to Km 70+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	14			14.00	9,559.00	133826.00
1.02	Land slide clearence	Cum	LS			5000.00	52.00	260000.00
1.03	Scarification of Existing Bituminous surface	Sqm	14000	7		98000.00	23.00	2254000.00
1.04	Hill side drain clearances	m	14000			14000.00	68.00	952000.00
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	6500	2		13000.00	33.00	429000.00
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	6500	2		13000.00	109.00	1417000.00
	Sub Total :							6045826.00
2	Black Spot Rectification GRANULAR SUB-BASE & BASE COURSE							
2.01	Granular Sub base (GSB)	Cum	500	10.88	0.2	1088	2680.00	2915840.00
2.02	Wet mix Macadam (WMM)	Cum	500	7.5	0.25	937.5	3950.00	3703125.00
	Sub Total :							6618965.00
3	BITUMINOUS BASE AND SURFACE COURSES							
3.01	Prime coat	Sqm	500	7		3500	48.00	168000.00
3.02	Tack coat on WMM	Sqm	500	7		3500	29.00	101500.00
3.03	Tack coat on DBM	Sqm	500	7		3500	29.00	101500.00
3.04	Tackcoat on existing bituminous surface	Sqm	13500	7		94500	22.00	2079000.00
3.05	Dense Bituminous Macadam (DBM) (Black Spot Rectification	Cum	500	7	0.05	175	14971.00	2619925.00
3.06	Bituminous concrete	Cum	14000	7	0.04	3920	16613.00	65122960.00
	Sub Total :							70192885.00
4	RETAINING 5m height							
4.01	Eartwork in Excavation	Cum	65			179.40	90.00	16146.00
4.02	PCC M15 Levelling Course	Cum	65			23.03	7,900.00	181898.61
4.03	PCC M20 Concrete in Wall	Cum	65			438.75	10,640.00	4668300.00
4.04	PCC M20 in Parapet wall	Cum	65			15.60	10,640.00	165984.00
4.05	Weep Hole	Nos.	65			195.00	1,733.00	337935.00
4.06	Filter Media Filling	Cum	65			134.55	2591.00	348619.05
	Sub Total :							5718882.66

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5	Traffic Signs and other Road appurtenances							
5.01	Metal beam crash barrier	m	0			0	7,320.00	0.00
	Sub Total :							0.00
6	Road side drain (Type I and Type II)							
6.01	Earth work in excavation							
	in soil	Cum				1072	90.00	96507.90
	in ordinary rock	Cum				56	119.00	6716.36
6.02	PCC M15	Cum				53	7,900.00	414750.00
6.03	PCC M-20 in drain	Cum				331	10,640.00	3524500.00
6.04	Weep holes	No.				2000	904.00	1808000.00
	Sub Total :							5850474.26
7	Pipe Culverts							
7.01	PCC M20 Parapet wall	cum	40	0.4	0.6	9.6	10,640.00	102144.00
7.02	Blockage clearances (20 Nos' of Pipe)	Cum				271.30	74.00	20075.90
	Sub Total :							122219.90
	Total							₹ 9,45,49,253
	Work Value Less 6% VAT in above Rate							₹ 8,91,97,408
	GST (12 %)							₹ 1,07,03,689
	Bid Price (Work Value +GST)							₹ 9,99,01,097
	Agency Charges (9%)							₹ 80,27,767
	GST (18%) on Agency Charges							₹ 14,44,998
	Final Cost (Rs)							₹ 10,93,73,862
	Final cost (Cr)							₹ 10.94