



Name of the work: Emergency Repairs of Damaged Deck Slab near Expansion joint on 1st Narmada Bridge between Km. 192.000 to Km. 198.000 on Vadodara-Surat Section of NH-48 (old NH-8) in the State of Gujarat

BILL OF QUANTITIES

Sl. No.	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1	Repair of Concrete beam of CHB with Epoxy grouting including Steel, anchoring of additional steel, Shuttering etc.	Nos.	2	14,39,860	28,79,720
2	Platform for replacement of CHB and repair of Concrete beam of CHB	Span	2	1,50,000	3,00,000
3	Replacement of Existing damaged cantilever slab	LS	1	1,50,000	1,50,000
4	Providing Expansion Joint with Modular Expansion joint including installation with Micro concrete	Rmt.	8.5	90,000	7,65,000
5	Chipping and removal of cement concrete wearing coat including its disposal complete as per Technical Specification without causing detrimental effect any part of the bridge structure and removal of dismantled material with all lifts and lead up to 1000 m (Thickness 75mm)	Sqmt.	150	83	12,450
6	Patching of damaged concrete surface with polymer concrete and curing compounds, initiator and promoter, available in present formulation, to be applied as per instruction of manufacturer and as approved by the Engineer. (75mm Thick)	Sqmt.	150	2,164	3,24,600
7	Providing and fixing of Control barriers with height restricted (2.50 Mt) barricading as per drawing and specification for LMV (Passenger) and Two wheelers only. Including excavation, concreting, reinforcement and structural steel tool and tackles. (with Material)				
A	Excavation for structure (Earth work excavation of foundation of structure as per drawing and technical specification, Ordinary soil, manual means up to 3m depth	Cum	10.00	97	970
B	Plain cement concrete in open foundation complete as per drawing and technical specification PCC Grade M15	Cum	1.00	3,742	3,742



Sl. No.	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
C	Reinforced Steel	Kg	100.00	69.63	6,963
D	RCC M30	Cum	2.00	4,488	8,976
E	Structural steel for height rested barricading with ISMB angle as per approved drawing and specification.	MT	1.50	75,990	1,13,985
8	Repair of crack in P5- P6 and P13-P14 with Epoxy grout injection	Kg	100	754	75,400
9	Reinforcement	Tn	1	54,788	54,788
10	Concrete of M45	cum	10	7,157	71,570
11	Retro-reflectorized Traffic Signs (Providing and fixing of retro-reflectorized cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide clause 801.3 fixed over aluminum sheeting, 1.5mm thick supported on a mild steel angle iron post 75mmx75mmx6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cmx45cmx60cm, 60cm below ground level as per approved drawing)				
a	60 cm equilateral triangle	Nos.	3	2,605	7,815
b	60 cm circular	Nos.	2	3,373	6,746
c	80mm x 60mm rectangular	Nos.	1	4,565	4,565
Total Rs.					47,87,290.00
			In figures	In words	
I / We hereby agree to execute the above work below* / above* the Total Tender Cost		Above *			
		Below *	18.5%	Eighteen & half percentage.	

Shivam Concrete Technology
& Consultancy Private Limited

[Signature]
Director
Signature of Contractor