

Chittorgarh-Kota						
BOQ of Distress Panels- Full Depth Repair						
S.No	Description of Works	UOM	Qty	Rate	Amount	Remarks
1	Dismantling of cement concrete pavement of any grade by mechanical means using pneumatic tools, breaking to pieces and disposal of dismantled materials up to a lead of 1000 meters, stacking serviceable and unserviceable materials separately as per MoRTH specification clause 202. a) Dismantling of Concrete Surface upto Full depth of PQC	Cum	4,024.32			
2	Providing and laying cement concrete of higher grade M40 as bonding over lay over milled surfacing by applying applicable bonding agent, Joint cutting , Joint Filling by Polysulfides, Texturing & Curing as per drawing true in line & level without disturbing the movement of adjoining panel identified by independent engineer including cost of manpower, material, machinery, with all leads lifts and maintenance of the equipment's, thereto with taxes, statutory compliances by preparing surface suitable to pour the concrete, with safety at site with applicable specifications of MoR&TH, IRC-SP-83 & IRC-SP-76. The cost are inclusive of Nito bond- bonding agent, Concrete admixtures, Polysulfides- Joint Filling, Recron 3S Construction Fiber & separation membrane of 125 micron	Cum	4,024.32			
3	Providing and steel reinforcement for Concrete works including cutting, bending, placing in position and binding complete including cost of binding wire .[MoRTH Specification : Clause 1000/1600					
a	Fe250- Tie bars including fixing 300mm depth with lokfix material	Tonne	5.09			
b	Steel- Dowels bars 32mm including PVC Cap	Tonne	24.04			
4	Drilling of hole up to 300mm in adjacent panel for fixing of tie bars 12mm dai.	Nos	9,540.00			
	Amount without GST Rs.				-	
	GST@18% Rs.				-	
	Total Amount Including 18% GST Rs.				-	

Sr. No.	Chainage	Side	No of Panels			Area of 1 Panel	Total Area	Depth	Total Qty.	Remarks
			Fast Lane	Slow Lane	Total					
1	898+800	LHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Hungry Surface
2	900+220	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
3	901+920	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
4	913+320	LHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Minor heap
5	918+920	LHS		2.00	2.00	19.35	38.70	0.35	13.55	Settlement
6	919+000	LHS		1.00	1.00	19.35	19.35	0.35	6.77	Settlement
7	919+820	LHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Minor heap
8	930+570	LHS	1.00		1.00	19.35	19.35	0.30	5.81	Hungry Surface
9	933+030	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
10	935+990	LHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Concrete damaged
11	941+000	LHS		1.00	1.00	19.35	19.35	0.30	5.81	Concrete damaged
12	944+600	LHS	1.00		1.00	19.35	19.35	0.30	5.81	Concrete damaged
13	948+645	LHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Surface damaged
14	948+650	LHS		1.00	1.00	19.35	19.35	0.30	5.81	Hungry Surface
15	949+390	LHS	2.00	1.00	3.00	19.35	58.05	0.30	17.42	Surface damaged
16	950+100	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	BC damaged & Concrete damaged
17	952+860	LHS		3.00	3.00	19.35	58.05	0.30	17.42	Surface damaged
18	953+600	LHS	22.00		22.00	19.35	425.70	0.30	127.71	Major Crack
19	957+250	LHS	1.00		1.00	19.35	19.35	0.30	5.81	Surface damaged
20	957+270	LHS	3.00	2.00	5.00	19.35	96.75	0.35	33.86	Settlement
21	957+740	LHS	2.00		2.00	19.35	38.70	0.30	11.61	Surface damaged
22	958+100	LHS	2.00		2.00	19.35	38.70	0.35	13.55	BC damaged & Concrete damaged
23	959+490	LHS	4.00		4.00	19.35	77.40	0.35	27.09	BC Damaged
24	975+860	LHS	6.00	6.00	12.00	19.35	232.20	0.30	69.66	Surface damaged
25	982+260	LHS	1.00		1.00	19.35	19.35	0.30	5.81	Hungry Surface
26	983+140	LHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	Settlement
27	983+855	LHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Hungry Surface
28	984+900	LHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Surface damaged
29	986+600	LHS	10.00		10.00	19.35	193.50	0.30	58.05	Surface damaged
30	995+650	LHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	Settlement
31	996+830	LHS	2.00		2.00	19.35	38.70	0.30	11.61	Surface damaged
32	998+020	LHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Settlement
33	999+020	LHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Concrete damaged
34	1003+088	LHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
35	1007+315	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
36	1024+585	LHS	1.50	2.50	4.00	19.35	77.40	0.35	27.09	BC damaged & Concrete damaged
37	1024+940	LHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Surface damaged
38	1030+188	LHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Minor heap
39	1034+115	LHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	Settlement
40	1035+812	LHS	7.00	7.00	14.00	19.35	270.90	0.30	81.27	Hungry Surface
41	1037+750	LHS	8.00		8.00	19.35	154.80	0.30	46.44	Surface damaged
42	1037+750	LHS		6.00	6.00	19.35	116.10	0.30	34.83	Surface damaged
43	1037+950	LHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
44	1038+618	LHS	1.00		1.00	19.35	19.35	0.30	5.81	Hungry Surface
45	1038+618	LHS		2.00	2.00	19.35	38.70	0.30	11.61	Hungry Surface
46	1038+668	LHS	3.00	3.00	6.00	19.35	116.10	0.30	34.83	Hungry Surface
47	1039+995	LHS	2.00		2.00	19.35	38.70	0.30	11.61	Surface damaged
48	1039+995	LHS		8.00	8.00	19.35	154.80	0.35	54.18	BC damaged & Concrete damaged
49	1040+650	LHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	BC damaged & Concrete damaged
50	1041+138	LHS	6.00	6.00	12.00	19.35	232.20	0.35	81.27	BC damaged & Concrete damaged
51	1041+434	LHS	8.00	8.00	16.00	19.35	309.60	0.35	108.36	BC damaged & Concrete damaged

52	1042+172	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Fast- BC damaged, Slow- Multiple Cracks
53	1042+890	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Fast- BC damaged, Slow- Settlement
54	1043+228	LHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	BC damaged & Concrete damaged
55	1045+451	LHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Multiple cracks & Undulation
56	1045+674	LHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	BC damaged & Concrete damaged
57	1046+925	LHS	0.50	0.50	1.00	19.35	19.35	0.30	5.81	Concrete damaged
58	1047+143	LHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
59	1047+695	LHS	1.00	1.00	2.00	19.35	38.70	0.35	13.55	Settlement
60	1052+328	RHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
61	1052+250	RHS	1.00		1.00	19.35	19.35	0.30	5.81	Concrete damaged
62	1045+683	RHS	1.00		1.00	19.35	19.35	0.35	6.77	Undulation
63	1045+462	RHS	3.00	3.00	6.00	19.35	116.10	0.30	34.83	Concrete damaged
64	1043+245	RHS	1.50	1.50	3.00	19.35	58.05	0.35	20.32	BC damaged & Settlement
65	1042+005	RHS	1.50	1.50	3.00	19.35	58.05	0.35	20.32	Settlement
66	1041+814	RHS	1.50	1.50	3.00	19.35	58.05	0.35	20.32	Settlement
67	1040+662	RHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	BC damaged & Concrete damaged
68	1040+026	RHS	8.00	8.00	16.00	19.35	309.60	0.35	108.36	BC damaged & Concrete damaged
69	1039+568	RHS		3.00	3.00	19.35	58.05	0.30	17.42	Surface damaged
70	1038+684	RHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Settlement
71	1037+770	RHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	BC damaged & Concrete damaged
72	1037+582	RHS	2.00	1.00	3.00	19.35	58.05	0.35	20.32	Settlement
73	1035+938	RHS		1.00	1.00	19.35	19.35	0.35	6.77	Settlement
74	1035+108	RHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Undulation
75	1034+130	RHS	3.50	3.50	7.00	19.35	135.45	0.35	47.41	BC damaged & Concrete damaged
76	1031+888	RHS	3.00		3.00	19.35	58.05	0.30	17.42	Surface damaged
77	1030+720	RHS	3.00	2.00	5.00	19.35	96.75	0.30	29.03	Surface damaged
78	1025+615	RHS	3.00	2.00	5.00	19.35	96.75	0.30	29.03	Surface damaged
79	1024+600	RHS	3.00		3.00	19.35	58.05	0.30	17.42	Hungry Surface
80	1008+150	RHS		2.50	2.50	19.35	48.38	0.35	16.93	Settlement
81	1007+328	RHS	1.50	1.00	2.50	19.35	48.38	0.30	14.51	Surface damaged
82	1006+155	RHS		1.00	1.00	19.35	19.35	0.30	5.81	Surface damaged
83	1003+088	RHS		2.00	2.00	19.35	38.70	0.35	13.55	Settlement
84	1000+108	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
85	999+040	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
86	949+070	RHS	3.00	2.50	5.50	19.35	106.43	0.35	37.25	Settlement
87	949+370	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
88	956+365	RHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	Settlement
89	957+280	RHS	6.00	6.00	12.00	19.35	232.20	0.35	81.27	Settlement
90	958+150	RHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Settlement
91	959+210	RHS		8.00	8.00	19.35	154.80	0.30	46.44	Major Crack
92	959+430	RHS		13.00	13.00	19.35	251.55	0.30	75.47	Major Crack
93	967+125	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
94	975+935	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
95	977+500	RHS	1.00		1.00	19.35	19.35	0.35	6.77	Settlement
96	979+350	RHS		3.00	3.00	19.35	58.05	0.35	20.32	Settlement
97	980+240	RHS	5.00	5.00	10.00	19.35	193.50	0.30	58.05	Surface damaged
98	981+030	RHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Surface damaged
99	981+600	RHS	1.00	5.00	6.00	19.35	116.10	0.30	34.83	Surface damaged
100	983+130	RHS	4.00	2.00	6.00	19.35	116.10	0.30	34.83	Surface damaged
101	983+860	RHS	4.00	4.00	8.00	19.35	154.80	0.35	54.18	Settlement
102	985+600	RHS	1.00	1.00	2.00	19.35	38.70	0.35	13.55	Settlement
103	991+025	RHS	1.00	3.50	4.50	19.35	87.08	0.35	30.48	Settlement
104	991+500	RHS		1.00	1.00	19.35	19.35	0.35	6.77	Settlement

105	991+695	RHS	2.00	3.00	5.00	19.35	96.75	0.30	29.03	Surface damaged
106	992+500	RHS	3.00	3.00	6.00	19.35	116.10	0.30	34.83	Surface damaged
107	995+630	RHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
108	995+650	RHS	4.00	4.00	8.00	19.35	154.80	0.30	46.44	Surface damaged
109	996+580	RHS	8.00	3.00	11.00	19.35	212.85	0.35	74.50	Settlement
110	996+600	RHS	3.50	3.50	7.00	19.35	135.45	0.35	47.41	Settlement
111	996+685	RHS	1.00	3.00	4.00	19.35	77.40	0.35	27.09	BC damaged & Concrete damaged
112	996+890	RHS		3.00	3.00	19.35	58.05	0.30	17.42	Major Crack & Concrete Damaged
113	997+000	RHS	3.00	3.00	6.00	19.35	116.10	0.35	40.64	Settlement
114	997+025	RHS	1.00	2.00	3.00	19.35	58.05	0.30	17.42	Concrete damaged
115	997+050	RHS		2.00	2.00	19.35	38.70	0.35	13.55	Settlement
116	997+125	RHS	5.00	5.00	10.00	19.35	193.50	0.35	67.73	Settlement
117	997+600	RHS	3.50	3.50	7.00	19.35	135.45	0.35	47.41	Settlement
118	942+680	RHS	2.00	1.00	3.00	19.35	58.05	0.30	17.42	Concrete damaged
119	938+410	RHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Concrete damaged
120	938+380	RHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Concrete damaged
121	932+200	RHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Concrete damaged
122	924+820	RHS	2.00	2.00	4.00	19.35	77.40	0.35	27.09	Settlement
123	923+530	RHS		1.00	1.00	19.35	19.35	0.30	5.81	Hungry Surface
124	919+820	RHS	2.00	2.00	4.00	19.35	77.40	0.30	23.22	Minor heap
125	919+470	RHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Minor heap
126	917+720	RHS	1.00	1.00	2.00	19.35	38.70	0.35	13.55	Settlement
127	901+920	RHS	1.00	1.00	2.00	19.35	38.70	0.35	13.55	Settlement
128	897+070	RHS	1.00		1.00	19.35	19.35	0.30	5.81	Concrete damaged
129	894+320	RHS	1.00	1.00	2.00	19.35	38.70	0.30	11.61	Hungry Surface
130	893+200	RHS	5.00	5.00	10.00	19.35	193.50	0.35	67.73	Settlement
	Total				636.00		12,306.60		4,024.32	

Sr. No.	Description	Nos.	Length	Unit Wt.	Total Wt.	Dia	Remark
1	Tie Bar 300 spacing	15	0.60	0.89	8.01	12mm	
	Total				8.01	KG	
	Total				0.008	Tonne	

Sr. No.	Description	Nos.	Length	Unit Wt.	Total Wt.	Dia	Remark
1	Dowel bars at 300 sp	12	0.50	6.3	37.80	32mm	
	Total				37.80	KG	
	Total				0.038	Tonne	