DAILY TEMPERATURE DATA

Station: 42748 at Vadodara

Year: 2006 (Data Source: India Meteorological Department, Pune)

Day	January		February		March		April		May		June		July		August		September		October		November		December	
	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)
01	31.7	12.4	36.6	15.6	33.7	18.8	40.0	21.0	39.9	26.6	38.3	26.0	32.9	26.2	29.6	24.4	29.6	24.4	34.5	25.8	35.3	19.2	30.2	16.4
02	31.2	12.4	36.8	15.2	37.0	18.6	37.9	21.2	40.7	25.8	34.3	24.7	35.6	27.0	27.2	24.6	30.2	24.0	35.0	25.4	35.5	19.8	30.5	16.2
03	28.2	11.6	35.6	16.4	37.7	18.2	37.6	21.2	40.8	26.4	28.4	26.4	36.3	27.2	29.5	24.8	32.3	25.0	35.6	24.2	35.3	19.8	33.3	18.6
04	27.2	11.0	36.0	17.0	37.6	19.0	38.3	21.0	41.0	26.8	34.4	26.4	36.0	25.2	30.1	24.6	33.3	25.6	36.4	25.3	35.0	19.8	33.3	18.2
05	28.2	10.8	36.0	16.8	36.3	16.2	37.6	21.8	42.0	26.8	35.4	26.8	33.9	24.6	31.6	25.4	34.1	25.8	36.5	26.8	35.7	19.8	33.2	18.2
06	28.7	14.2	36.6	15.4	35.6	16.8	38.9	22.6	42.3	26.2	35.7	27.0	26.6	24.2	29.3	24.8	33.1	25.2	35.7	26.2	36.3	20.8	31.0	18.0
07	27.0	13.0	34.9	13.8	35.6	16.0	40.5	22.6	42.0	26.4	36.1	27.4	30.1	24.8	28.9	24.4	29.7	24.4	33.6	25.2	36.2	21.4	32.0	18.2
08	27.8	13.0	33.2	13.6	35.7	17.0	39.9	24.8	41.8	26.8	36.6	27.8	33.3	26.3	27.0	24.4	31.5	25.2	33.1	24.6	34.8	20.8	31.7	17.2
09	30.0	12.0	34.0	14.2	36.3	18.8	38.8	24.8	40.1	27.0	36.5	26.8	32.8	26.6	27.4	24.8	32.5	24.8	34.7	22.8	33.8	19.2	30.2	17.0
10	30.9	12.6	35.3	15.4	28.2	17.4	39.6	24.0	41.6	26.4	37.3	27.8	31.0	26.2	28.9	24.6	32.9	26.0	34.7	22.8	34.3	18.2	30.7	16.2
11	32.6	13.0	35.6	15.2	31.7	17.0	38.4	24.8	40.4	26.2	37.3	27.2	32.2	26.2	31.4	25.0	33.8	25.6	35.3	22.8	33.9	18.0	30.0	13.8
12	31.9	13.0	36.2	15.6	31.2	18.0	37.8	23.4	41.0	26.8	37.0	27.2	32.5	27.0	26.4	25.0	34.4	26.0	35.5	22.8	34.4	18.0	28.7	12.4
13	31.0	11.6	37.2	16.2	32.8	17.8	37.6	24.0	41.4	26.8	37.5	26.8	32.5	26.6	27.0	24.8	33.8	25.8	35.1	23.6	34.1	18.6	30.4	13.0
14	32.3	11.8	36.6	16.6	34.8	19.4	38.2	24.4	40.3	26.8	37.3	27.2	32.9	27.0	31.3	24.8	34.2	26.4	36.8	23.8	34.9	18.2	32.5	13.6
15	32.8	13.2	35.5	16.8	34.3	19.6	38.5	24.6	38.8	27.0	37.9	27.4	32.6	26.8	29.7	25.4	35.4	26.0	37.9	23.4	34.5	17.0	31.8	14.8
16	33.1	13.8	33.8	16.4	34.8	18.3	40.4	24.8	38.7	27.2	30.6	27.4	33.4	26.6	29.6	25.2	36.5	25.8	37.6	23.6	34.0	18.6	31.3	13.8
17	35.1	15.0	34.5	16.4	35.4	18.0	38.0	25.4	39.0	27.2	37.7	27.8	33.9	27.0	27.5	24.8	36.8	24.6	38.0	22.8	34.0	18.8	32.4	15.8
18	33.1	15.0	33.8	16.2	36.6	20.0	37.0	24.8	40.0	28.0	37.8	28.2	32.2	27.0	33.1	24.8	35.3	25.4	38.4	23.0	34.3	17.6	31.6	13.8
19	30.8	15.3	35.5	16.6	37.7	20.4	38.0	24.4	41.0	28.2	38.9	28.4	31.5	25.4	30.6	25.8	34.7	24.8	37.4	22.8	34.2	17.6	31.9	13.8
20	30.6	15.0	36.3	18.6	39.2	21.0	39.0	23.0	40.6	28.0	39.4	28.8	29.1	25.8	29.4	24.8	34.2	25.0	37.0	23.0	34.3	17.4	31.5	13.8
21	31.4	14.2	37.2	17.8	38.0	20.8	39.8	24.6	37.7	27.8	39.8	25.4	32.1	25.4	28.8	24.8	35.2	25.6	37.0	23.4	34.3	17.4	31.8	14.6
22	30.0	11.8	38.6	19.0	38.2	19.8	41.0	25.2	38.0	28.0	36.0	27.6	28.2	25.0	29.4	25.2	33.9	24.0	37.3	23.6	34.2	19.4	31.6	13.6
23	28.6	9.4	38.5	18.4	38.3	21.8	40.6	25.8	38.7	28.4	39.4	28.8	28.8	24.8	30.5	25.2	34.3	24.8	36.0	22.4	33.8	18.4	31.2	13.4
24	27.5	9.8	39.0	18.4	38.4	22.6	38.6	25.2	38.5	28.2	38.7	26.2	31.8	25.8	31.2	25.3	32.9	25.4	36.6	22.2	32.8	18.0	32.0	14.4
25	28.7	10.8	39.2	19.0	37.3	20.4	38.4	25.6	38.3	28.2	35.6	25.2	31.0	25.6	30.0	25.0	32.3	25.0	37.3	22.0	32.8	17.0	32.6	16.2
26	28.5	10.8	40.3	19.0	37.2	19.8	39.0	25.8	38.5	28.8	36.3	27.4	33.3	25.6	31.3	24.8	32.5	25.0	36.9	21.0	32.7	14.2	32.4	17.2
27	29.5	11.2	36.3	18.4	34.8	19.8	39.2	25.8	38.8	28.8	36.4	26.6	32.3	25.6	31.4	25.0	34.3	24.8	36.3	20.6	31.3	14.4	30.6	16.4
28	30.4	11.4	36.6	19.8	35.6	18.6	39.1	25.2	39.4	28.8	33.3	26.0	31.5	25.0	31.9	24.2	33.6	25.0	36.3	19.4	31.5	14.0	30.3	15.2
29	32.9	12.2			38.6	18.0	38.6	25.7	39.3	28.8	32.9	26.4	26.3	24.6	31.1	25.2	34.0	24.8	35.8	19.6	31.2	16.2	31.2	15.2
30	33.1	12.8			39.3	19.2	39.2	26.0	38.2	28.8	34.7	26.2	26.2	24.6	32.1	24.6	34.5	24.8	35.9	19.3	30.5	18.0	32.9	15.8
31	35.2	14.2			41.3	20.2			39.7	29.0			26.0	24.8	31.7	24.6			35.4	19.4			31.0	13.8
Ave.	30.6	12.5	36.3	16.7	36.1	18.9	38.9	24.1	40.0	27.5	36.3	27.0	31.6	25.8	29.8	24.9	33.5	25.2	36.1	23.0	34.0	18.2	31.5	15.4

NK CONSORTIUM

DAILY TEMPERATURE DATA

Station: 42748 at Vadodara

Year: 2007 (Data Source: India Meteorological Department, Pune)

Day	January		February		March		April		May		June		July		August		September		October		November		December	
	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)
01	27.8	14.0	34.6	16.2	33.2	17.8	40.7	24.4	39.4	27.4	42.9	30.4	35.2	25.2	32.9	26.2	30.5	25.5	33.7	24.5	34.8	20.2	31.6	16.3
02	29.2	15.0	32.8	13.8	32.1	16.4	38.9	24.0	41.8	26.8	42.2	29.4	28.5	24.1	32.8	26.7	32.9	25.0	34.2	24.1	36.0	21.4	31.7	17.4
03	28.8	13.8	32.1	15.4	31.8	16.7	39.7	21.4	42.1	26.8	40.6	28.9	26.7	24.8	31.6	26.3	32.2	25.7	33.9	23.8	36.0	24.0	30.7	16.3
04	29.3	14.2	31.0	15.0	33.7	17.6	39.8	21.0	42.3		38.2	27.8	28.1	24.1	30.1	25.6	32.5	25.4	34.7	22.4	35.9	24.0	31.0	15.8
05	28.4	13.6	31.1	15.0	35.9	18.6	41.8	22.2	41.2		37.5	26.6	30.7	25.9	33.2	26.1	33.5	26.3	34.6	21.8	34.6	24.6	30.6	16.0
06	26.4	12.0	32.4	15.0	35.4	17.8	43.5	24.0	40.7		39.8	28.2	31.6	26.0	30.2	25.4	30.7	25.4	33.6	21.6	37.2	21.1	31.3	16.1
07	26.4	11.2	31.5	16.0	34.7	18.0	42.7	24.0	41.2		39.4	28.6	32.0	26.3	29.2	25.3	30.4	25.2	34.0	22.0	35.8	19.5	31.7	15.2
08	26.4	13.4	32.0	16.0	35.1	18.4	40.9	24.4	40.0		40.1	28.6	31.4	26.3	31.7	24.8	31.2	25.2	35.3	20.9	35.9	19.7	30.0	13.5
09	31.3	14.6	34.4	17.8	35.6	17.6	39.4	24.8	38.6		40.5	29.8	30.2	25.7	27.2	25.4	32.6	26.0	34.8	20.9	35.6	20.1	30.2	14.0
10	30.2	15.2	34.0	18.8	34.5	18.4	40.0	25.0	39.2	26.0	39.7	28.9	27.0	25.6	31.0	25.0	33.5	25.7	34.3	23.4	35.5	21.3	31.5	15.4
11	28.6	14.0	30.6	21.4	34.7	19.4	41.1	23.8	40.0	26.4	39.5	29.4	27.8	24.6	31.0	24.3	32.3	25.4	34.5	24.3	35.5	20.0	31.0	15.9
12	27.7	13.8	28.8	17.8	36.3	20.0	41.8	23.2	41.2	26.2	39.8	29.0	33.1	26.4	30.9	25.2	32.3	25.5	36.0	24.3	35.5	19.6	30.6	15.1
13	27.3	12.8	28.6	16.8	35.6	20.0	39.2	24.4	39.4	26.8	39.9	30.1	33.5	26.0	31.3	25.2	33.5	25.9	36.4	23.0	35.5	19.0	29.4	12.8
14	27.5	12.4	27.8	17.0	34.1	19.0	38.9	23.8	39.1	26.8	39.9	29.4	33.3	26.3	30.7	25.9	33.9	26.1	36.8	22.0	34.3	19.4	29.0	13.4
15	29.1	12.2	29.9	17.2	34.5	18.0	40.3	24.4	39.0	27.0	39.7	27.0	32.9	26.3	30.3	25.9	34.3	25.6	36.8	22.8	34.1	17.8	26.7	11.9
16	28.4	12.4	29.0	16.3	35.3	17.8	41.3	25.6	38.0	27.0	37.1	27.4	32.0	26.2	32.5	25.5	33.1	25.5	36.7	20.1	35.1	17.7	26.1	12.7
17	28.1	12.4	30.6	16.0	37.5	19.4	40.1	25.2	39.3	27.4	36.6	26.9	34.6	26.9	33.3	25.4	32.7	25.5	36.6	19.0	34.9	16.0	28.2	13.5
18	29.2	13.2	31.7	16.0	39.1	19.8	41.3	25.8	39.5	27.2	39.1	27.1	33.6	26.0	33.3	26.0	34.5	26.1	36.6	19.4	34.5	15.4	29.3	14.3
19	30.8	12.4	33.6	17.4	40.5	20.8	40.0	25.8	39.5	27.4	37.7	27.3	34.3	26.0	32.1	25.2	35.0	25.5	36.5	19.3	34.1	14.7	31.1	14.4
20	30.9	14.2	35.0	17.8	38.3	21.4	40.2	26.0	38.7	28.0	37.0	27.4	33.1	26.0	32.5	25.9	33.7	24.5	36.5	18.4	33.2	15.1	31.0	14.9
21	29.9	13.6	35.7	19.4	36.7	23.2	40.5	26.0	38.5	28.0	38.4	24.3	33.6	26.4	33.1	25.2	31.9	23.6	36.0	18.4	32.4	14.2	31.0	15.3
22	30.5	14.0	37.4	19.8	35.9	23.0	39.0	26.2	38.8	28.0	36.1	25.2	34.0	26.0	27.5	24.2	31.0	24.3	36.1	18.6	32.5	13.6	32.9	15.4
23	28.6	13.2	36.8	20.6	34.8	20.0	39.3	25.0	38.2	27.6	37.5	27.2	32.6	26.4	32.5	25.2	33.5	25.0	36.1	19.2	33.6	13.4	32.2	13.8
24	30.2	14.2			35.9	20.0	39.3	25.0	39.3	28.0	38.4	26.0	35.3	26.9	32.4	25.6	32.8	24.7	34.9	19.7	33.8	15.4	33.3	14.0
25	32.2	15.0	36.8	20.2	37.7	19.8	38.9	25.2	39.7	28.0	34.2	24.9	34.7	27.0	33.0	23.3	31.7	24.4	35.8	19.6	33.5	14.2	32.6	15.6
26	33.8	16.0	35.6	18.0	38.7	20.0	40.7	24.4	39.5	28.2	29.7	24.4	34.3	26.3	33.5	26.5	31.3	24.2	36.4	19.7	33.2	14.4	32.9	15.1
27	32.6	16.4	33.6	18.4	40.2	20.0	41.9	26.0	39.9	27.6	33.6	26.4	33.5	26.3	34.4	26.5	27.5	24.5	35.5	20.0	33.4	14.2	30.1	14.8
28	30.9	18.2	33.7	18.0	41.7	21.4	42.5	27.0	40.1	27.6	34.3	25.5	33.1	25.1	33.8	25.5	30.2	24.7	35.1	19.0	33.0	14.9	30.5	14.6
29	33.3	18.8			42.8	22.8	41.0	27.2	39.0	27.2	34.4	26.2	30.6	24.8	32.7	24.7	33.7	25.8	36.3	18.9	33.1	15.9	30.4	13.1
30	25.2	18.2			42.4	22.8	40.6	26.4	37.8	27.4	34.3	26.6	29.3	25.0	30.5	25.3	33.6	24.4	36.7	20.0	32.5	15.1	29.9	10.4
31	33.6	18.4			42.1	24.0			40.0	27.2			31.8	25.5	32.5	25.5			35.6	19.4			28.3	12.6
Ave.	29.4	14.3	32.6	17.3	36.7	19.7	40.5	24.7	39.7	27.3	37.9	27.5	32.0	25.8	31.7	25.4	32.4	25.2	35.5	21.0	34.5	17.3	30.5	14.5

DAILY TEMPERATURE DATA

Station: 42748 at Vadodara

Year: 2008 (Data Source: India Meteorological Department, Ahmedabad)

Day	January		February		March		April		May		June		July		August		September		October		November		December	
	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)
01	29.3	11.6	28.3	08.9	37.0	16.4	34.1	21.1	37.1	25.6	39.3	28.2	35.2	26.8	31.7	26.2	33.9	25.8	32.8	23.2	34.9	20.1	28.5	18.0
02	28.2	11.4	27.8	09.8	36.5	15.4	34.4	21.0	40.3	25.7	38.3	28.2	34.3	24.5	31.3	25.2	34.5	25.9	33.7	24.4	35.6	18.8	27.3	17.4
03	28.4	12.6	29.0	13.2	36.9	15.4	35.4	21.6	39.4	24.7	38.3	28.3	27.0	24.7	30.9	25.3	31.5	25.9	31.1	23.3	36.5	18.9	32.6	18.3
04	28.1	13.2	26.0	09.0	36.1	16.1	33.6	20.8	38.6	25.6	39.7	28.3	33.4	25.2	33.1	25.6	36.3	26.2	35.0	24.2	36.4	19.0	34.8	18.7
05	28.3	12.8	23.8	07.8	36.4	16.6	33.6	18.7	38.2	26.4	39.3	28.3	32.2	26.2	32.0	25.0	35.7	26.1	37.3	26.0	36.1	19.5	35.0	19.7
06	31.5	13.7	24.2	09.5	37.1	17.4	33.8	22.0	37.7	26.3	36.3	27.5	34.3	26.2	31.3	25.3	33.6	25.2	36.2	24.3	35.2	19.2	36.4	19.8
07	33.0	16.2	24.7	07.2	37.0	18.3	37.6	23.9	37.4	26.5	35.4	27.4	34.5	26.7	30.7	25.1	33.3	25.9	33.8	24.9	35.9	18.5	35.9	18.8
08	33.1	15.9	21.7	07.3	35.6	17.1	38.9	24.4	37.6	26.8	35.7	26.1	33.4	26.9	30.6	25.3	33.7	26.1	34.5	25.0	36.2	17.4	34.0	18.2
09	33.1	15.3	22.7	07.6	36.6	17.8	38.5	23.2	38.8	27.2	38.0	27.3	33.7	26.4	30.3	25.2	34.1	26.1	35.0	25.6	36.4	18.3	35.0	18.0
10	31.1	15.2	24.5	06.3	37.5	19.3	40.9	24.0	37.3	27.2	36.0	27.4	32.5	26.8	31.3	25.2	32.7	26.3	35.3	25.7	36.3	17.5	33.5	18.2
11	32.6	13.1	26.7	08.6	38.4	23.6	40.5	23.4	37.1	26.4	32.2	26.8	32.3	25.2	31.2	25.2	35.5	24.8	36.8	25.4	34.9	17.3	32.9	17.0
12	28.7	13.2	27.1	09.4	34.2	23.4	40.6	24.2	38.7	26.5	34.3	26.2	29.2	24.5	26.9	24.9	32.8	25.6	38.5	25.6	35.8	17.6	31.0	16.2
13	28.5	14.5	30.1	10.7	35.0	23.0	39.3	24.0	38.3	26.3	36.4	27.0	29.3	24.5	26.4	24.7	35.6	25.8	38.0	23.4	34.9	17.6	30.9	16.9
14	29.3	13.7	30.2	12.3	35.3	20.6	39.7	23.5	38.6	26.8	33.8	26.1	31.9	24.5	29.3	25.0	33.0	23.8	38.0	23.0	34.6	17.0	30.9	17.0
15	29.7	14.5	32.8	13.4	36.5	20.4	39.7	25.1	38.5	26.4	31.4	26.4	30.7	26.0	27.8	24.9	30.5	25.0	37.4	22.6	33.5	17.0	31.7	18.1
16	32.3	15.1	33.8	15.1	38.0	20.8	40.0	25.0	38.7	26.6	33.5	26.4	33.6	26.2	30.2	25.6	29.2	24.5	38.2	22.8	33.0	17.0	32.6	19.4
17	34.1	15.1	33.8	14.8	38.7	21.4	39.1	24.2	38.3	26.5	33.8	27.0	33.8	26.4	31.3	25.5	28.9	25.0	37.7	23.0	33.2	17.0	33.1	19.3
18	34.5	14.8	34.3	13.7	40.2	20.4	40.2	24.4	38.3	26.5	34.2	27.1	34.5	26.0	32.6	25.3	28.3	23.9	37.5	23.4	32.9	17.1	33.6	18.6
19	30.3	11.0	34.1	14.0	39.6	21.0	40.8	24.4	38.0	26.2	34.5	27.2	34.5	26.7	32.4	25.2	26.5	24.6	37.3	21.6	33.5	18.8	33.5	19.0
20	28.6	10.7	34.5	14.2	35.3	19.8	40.6	24.3	38.0	26.6	34.5	27.3	32.6	25.3	32.7	25.2	32.5	25.1	37.6	20.9	32.5	19.0	32.7	19.8
21	27.6	11.0	35.0	14.4	37.7	18.8	40.7	25.3	37.5	26.5	34.0	27.6	33.5	26.6	32.1	25.3	29.4	25.4	37.3	19.0	32.7	16.8	31.7	19.7
22	27.8	10.3	35.5	15.9	39.7	19.7	40.8	25.0	37.6	26.8	36.5	27.6	33.7	26.2	32.3	25.3	32.1	25.3	38.3	19.0	32.4	16.5	29.7	17.8
23	26.4	09.8	34.1	15.1	39.6	20.3	42.4	25.1	38.3	26.5	36.6	27.7	33.9	26.5	32.7	24.4	32.0	25.0	37.5	18.8	32.4	15.8	32.7	17.0
24	26.1	09.1	32.7	16.1	39.4	21.2	41.6	25.6	38.4	27.2	36.5	27.5	34.1	26.6	30.3	24.3	33.4	25.7	37.6	20.1	32.8	15.3	32.0	15.0
25	27.1	08.0	30.6	13.5	36.5	21.2	41.9	25.4	39.4	27.3	36.6	27.9	34.3	26.1	33.9	25.6	32.6	24.4	37.9	19.1	33.2	14.8	31.7	14.2
26	26.7	08.8	32.4	15.2	36.0	21.2	41.9	26.0	40.7	27.4	37.4	28.0	34.7	26.3	33.0	25.2	32.8	24.5	37.3	19.4	33.5	14.2	32.4	14.0
27	26.4	08.8	32.6	13.5	37.6	21.9	41.9	26.1	41.7	28.1	37.0	27.4	33.9	26.1	28.7	24.4	32.5	24.0	36.1	19.0	34.1	14.1	32.4	12.6
28	26.1	08.8	35.6	14.7	38.5	24.1	42.5	26.0	41.2	28.3	34.7	26.7	31.5	25.3	28.3	24.5	32.9	24.0	36.8	19.7	33.9	14.0	30.6	13.2
29	28.5	11.3	35.8	14.5	39.0	23.5	41.7	26.1	40.2	28.2	34.6	26.4	27.4	25.2	31.7	25.2	33.2	24.2	35.7	20.0	31.7	14.4	28.4	11.7
30	28.1	12.3			39.2	23.6	39.7	26.2	39.6	28.3	35.9	26.8	29.5	25.5	33.3	25.6	32.6	24.4	34.3	19.8	31.4	19.0	29.4	12.8
31	27.3	10.4			37.6	21.8			39.3	28.2			31.5	25.5	33.4	25.3			35.3	20.0		19.4		12.4
Ave.	29.4	12.3	30.2	11.9	37.4	20.0	39.2	24.0	38.7	26.8	35.8	27.3	32.6	25.9	31.1	25.2	32.5	25.2	36.3	22.3	34.2	17.3	32.1	17.0

DAILY TEMPERATURE DATA

Station: 42748 at Vadodara

Year: 2009 (Data Source: India Meteorological Department, Ahmedabad)

Day	January		February		March		April		May		June		July		August		September		October		November		December	
	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)	Max. (℃)	Min. (℃)
01	30.1	12.9	32.0	14.2	38.1	20.0	40.7	24.0	41.4	26.0	38.1	27.9	34.8	27.6	34.1	26.5	31.9	25.8	35.0	26.0	38.0	19.0	31.6	17.6
02	28.8	12.6	33.1	14.2	38.9	20.0	41.6	25.1	41.5	26.3	38.5	28.5	37.0	28.2	33.4	26.3	34.1	26.5	40.1	26.9	36.6	18.8	31.4	16.3
03	31.0	13.2	33.4	14.6	39.1	19.2	42.0	25.2	42.1	26.3	39.1	28.6	35.9	28.1	33.9	26.3	34.4	24.3	39.0	27.4	38.4	18.7	31.6	16.2
04	30.6	13.8	32.0	13.8	38.3	19.8	40.5	25.1	42.2	27.2	37.4	28.6	34.9	27.4	34.2	26.8	31.5	25.0	36.3	26.9	37.4	19.4	32.6	17.4
05	29.4	14.0	31.1	15.2	37.7	20.3	40.0	24.7	41.4	27.3	39.1	28.5	38.8	27.3	31.3	26.5	34.2	25.6	32.7	25.0	37.0	19.4	32.5	17.7
06	29.4	12.6	31.1	13.8	35.2	19.2	39.3	25.1	39.7	26.3	38.8	28.5	40.1	26.1	31.7	26.7	34.9	26.5	34.9	25.8	36.7	19.4	31.5	17.6
07	28.4	13.2	30.6	13.6	36.2	19.2	38.6	25.2	39.5	27.3	39.8	29.2	38.5	24.2	32.2	26.4	34.2	26.0	35.4	25.1	36.5	19.5	31.4	16.9
08	28.0	13.6	33.3	15.0	34.6	18.6	38.3	24.2	40.5	25.7	40.0	28.8	35.6	22.8	33.3	26.5	34.5	26.1	34.7	25.8	36.3	20.6	31.1	15.0
09	27.2	14.6	33.5	14.4	34.6	19.0	37.2	24.2	41.5	26.6	39.4	28.8	33.7	26.3	34.0	26.6	34.5	26.4	34.9	25.3	36.2	22.0	31.9	15.1
10	26.4	14.8	33.0	14.4	36.2	19.0	37.9	23.8	41.4	26.4	38.5	28.5	31.6	24.0	33.7	26.6	33.9	26.3	34.4	24.2	35.7	22.1	32.0	16.5
11	28.0	15.0	29.5	13.2	38.7	18.8	40.1	23.4	41.4	26.4	38.5	28.5	29.8	25.0	33.8	25.8	34.4	26.3	34.3	24.7	31.5	21.1	33.4	16.3
12	27.8	15.6	29.1	14.0	39.7	20.1	41.5	23.4	39.1	27.5	38.6	27.5	32.0	25.7	34.4	26.3	35.0	26.2	34.6	22.4	24.7	18.0	33.3	16.7
13	28.4	16.2	30.5	13.8	38.1	20.2	42.7	23.0	39.2	28.2	39.0	28.4	32.7	26.2	34.2	26.6	35.1	26.4	36.1	24.3	22.2	18.2	33.3	19.2
14	32.1	17.1	31.5	14.3	39.2	21.2	42.4	24.2	39.9	28.1	38.5	28.4	34.2	27.2	35.2	26.2	37.6	26.5	37.0	23.2	30.1	18.3	32.9	18.5
15	32.9	19.7	30.8	15.8	39.5	21.2	39.5	27.0	39.9	28.0	37.7	28.5	33.7	25.1	35.0	26.4	36.2	26.2	37.5	23.7	31.8	22.8	32.7	19.2
16	32.5	19.0	32.1	16.3	38.7	20.2	37.0	25.0	39.5	28.1	38.1	28.8	32.4	25.4	35.4	26.7	35.0	26.3	37.6	23.6	27.4	22.5	32.9	18.7
17	33.3	18.9	33.5	16.4	38.4	20.9	39.4	23.0	38.7	27.8	38.5	28.8	30.0	25.8	34.8	25.8	34.6	24.0	37.6	23.1	30.5	20.5	29.7	17.8
18	33.3	17.8	35.1	16.7	38.4	19.4	41.1	24.4	39.1	27.5	38.6	28.7	31.6	24.8	35.5	26.1	36.6	25.5	36.9	21.8	31.3	18.7	30.7	17.3
19	31.7	17.1	33.6	16.9	38.9	20.9	43.3	24.9	39.5	28.0	39.5	29.0	30.0	26.0	36.1	27.0	36.8	26.1	36.0	23.0	32.2	18.9	29.8	17.5
20	30.7	17.0	34.4	17.9	37.5	21.0	44.1	26.0	40.1	28.2	40.0	28.7	31.6	25.8	35.5	27.3	36.9	26.2	36.3	21.1	32.9	17.9	31.0	18.6
21	31.7	17.4	36.4	18.7	37.4	20.8	41.0	26.0	39.3	28.2	38.0	29.0	32.6	25.6	35.6	27.3	36.5	25.4	36.3	19.8	31.7	14.6	32.0	19.4
22	29.9	17.4	37.5	20.1	37.0	21.0	39.7	25.7	41.3	28.1	38.0	28.8	31.5	25.3	35.7	27.6	36.6	26.5	36.4	20.0	31.6	14.1	32.3	19.3
23	31.3	14.8	37.7	19.2	38.5	21.4	39.1	25.6	41.3	28.6	38.5	27.4	28.9	25.6	35.5	27.5	37.6	27.1	36.5	19.5	31.3	15.3	31.0	18.7
24	33.1	16.2	35.5	18.1	39.1	21.3	40.7	25.3	39.6	27.8	38.5	27.3	29.8	25.4	36.2	27.5	38.0	26.9	37.8	17.2	31.7	17.6	30.0	17.6
25	31.8	17.0	35.0	19.0	40.1	22.6	41.0	24.0	40.3	27.8	35.0	28.0	31.0	25.5	36.4	27.5	37.5	27.1	35.2	17.9	32.9	19.4	30.2	15.6
26	28.4	15.1	35.5	19.5	38.3	21.5	42.1	25.4	39.0	28.2	37.4	26.8	31.8	25.5	36.1	25.8	36.4	26.5	36.7	17.9	33.1	16.8	30.5	14.5
27	31.7	13.4	36.6	20.3	38.1	22.0	43.4	25.1	39.4	27.5	36.8	28.0	31.5	25.7	30.4	26.5	35.9	26.0	36.9	19.4	32.1	17.0	29.6	13.6
28	29.7	14.8	36.7	20.2	37.3	22.0	44.2	25.5	39.5	27.3	37.0	28.2	31.4	25.7	31.2	24.5	36.7	26.5	36.7	19.4	33.5	17.1	29.2	14.2
29	32.0	14.0			37.0	22.4	43.9	25.4	38.6	27.8	36.4	27.9	32.3	26.8	27.6	24.6	35.7	26.6	36.9	19.5	33.0	17.3	28.3	15.2
30	27.8	13.0			38.3	22.5	43.1	26.1	38.4	27.8	34.9	27.8	32.0	26.5	27.3	24.6	37.3	26.7	37.8	20.5	32.3	17.4	28.8	14.8
31	31.0	12.0			40.0	23.5			38.7	27.9			33.5	26.3	31.3	25.2			37.3	19.2	33.9	18.1	28.9	14.6
Ave.	30.3	15.3	33.4	16.2	38.0	20.6	40.8	24.8	40.1	27.4	38.2	28.3	33.1	25.9	33.7	26.4	35.5	26.1	36.3	22.6	32.9	18.7	31.2	16.9

8. List of Hydrological and Geotechnical Investigation Report

8.1 List of Hydrological Reports

No.	CPM	CPM's Serial No.	Date	Report Title
1	Vadodara	-	-	CPM-Vadodara Unit Hydrological Calculations From:-301 to:-545 Including Gothangam & Makarpura Links (Hydraulic Calculation for Bridge at Ch 29375, Br No-207(Mahi River)(DFCC))
2	Ahmedabad	-	July, 2009	Hydraulic Model Study for proposed rail bridge across Sabarmati near Ahmedabad in Gujarat (Volume I & II)

8.2 List of Geotechnical Investigation Reports

No.	CPM	CPM's Serial No.	Date	Report Title
1	Vadodara	VD-0001	July, 2008	Consultancy Services for Detailed Project Report for Sachin to Nadiad 251/6 -451-6km in the state of Gujarat (India) Geotechnical Investigation Report for Important Bridge on Mahi River
2	Vadodara	VD-0003	July, 2008	Consultancy Services for Detailed Project Report for Sachin to Nadiad 251/6 -451-6km in the state of Gujarat (India) Geotechnical Investigation Report for Section -VI
3	Vadodara	VD-0007	July, 2008	Consultancy Services for Detailed Project Report for Sachin to Nadiad 251/6 -451-6km in the state of Gujarat (India) Geotechnical Investigation Report for Section- 5 (CH. 0.00 KM to 90.00 KM) VOLUME -I (Ch 0.00 km to Tarapur Road to 30.00 km at Mahi Bank)
4	Vadodara	VD-0008	July, 2008	Consultancy Services for Detailed Project Report for Sachin to Nadiad 251/6 -451-6km in the state of Gujarat (India) Geotechnical Investigation Report for Section- 5 (CH. 0.00 KM to 90.00 KM) VOLUME- II (Ch 30.00 km to Mahi Bank to 60.000 km at Makarpura)
5	Ajmer	AJ-0009	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-9 Sirohi Road to Palanpur Existing KM 555 to 648.40
6	Ajmer	AJ-0010	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-9 ANNEXURES Sirohi Road to Palanpur Existing KM 555 to 648.40
7	Ajmer	AJ-0011	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-10 PART-B Falna to Sirohi Road Existing Km 500 to 555
8	Ajmer	AJ-0012	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-10 ANNEXURES PART-B Falna to Sirohi Road Existing Km 500 to 555
9	Ajmer	AJ-0013	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-10 PART-A Bhinawaliya to Falna Existing Km 455 to 500
10	Ajmer	AJ-0014	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-10 ANNEXURES PART-A Bhinawaliya to Falna Existing Km 455 to 500
11	Ajmer	AJ-0015	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-11 PART-B Chandawal to Bhinawaliya Existing Km 401 to 455
12	Ajmer	AJ-0016	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-11 ANNEXURES PART-B Chandawal to Bhinawaliya Existing Km 401 to 455
13	Ajmer	AJ-0017	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-11 PART-A Amarpura to Chandawal Existing Km 353/470 to 400
14	Ajmer	AJ-0018	–	Consultancy Services for Detailed Project Report for Madar to Palanpur 290/0-648/0 KM in the State of Rajasthan/ Gujrat (India) Geotehnical Report for Section-11 ANNEXURES PART-A Amarpura to Chandawal Existing Km 353/470 to 400
15	Ajmer	AJ-0019	October, 2008	Consultancy Services for Detailed Project Report for Madar to Amarpura 290/0-353/470 KM in the State of Rajasthan (India) Geotehnical Report for Section-12
16	Ajmer	AJ-0020	–	Consultancy Services for Detailed Project Report for Madar to Amarpura 290/0-353/470 KM in the State of Rajasthan (India) Geotehnical Report for Section-12 ANNEXURES
17	Ahmedabad	AH-0153	_	Geotechnical Investigation Report for Bridge No. 80
18	Ahmedabad	AH-0154	_	Geotechnical Investigation Report for Bridge No. 81
19	Ahmedabad	AH-0155	_	Geotechnical Investigation Report for Bridge No. 82
20	Ahmedabad	AH-0062	_	Geotechnical Investigation Report for Bridge No. 84
21	Ahmedabad	AH-0063	_	Geotechnical Investigation Report for Bridge No. 85
22	Ahmedabad	AH-0064	_	Geotechnical Investigation Report for Bridge No. 86
23	Ahmedabad	AH-0065	_	Geotechnical Investigation Report for Bridge No. 87

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8.2 List of Geotechnical Investigation Reports

No.	CPM	CPM's Serial No.	Date	Report Title
24	Ahmedabad	AH-0042	_	Geotechnical Investigation Report for Bridge No. 88 A
25	Ahmedabad	AH-0043	_	Geotechnical Investigation Report for Bridge No. 89
26	Ahmedabad	AH-0044	_	Geotechnical Investigation Report for Bridge No. 90
27	Ahmedabad	AH-0045	_	Geotechnical Investigation Report for Bridge No. 91
28	Ahmedabad	AH-0007	_	Geotechnical Investigation Report for Bridge No. 93
29	Ahmedabad	AH-0009	_	Geotechnical Investigation Report for Bridge No. 94 A
30	Ahmedabad	AH-0010	_	Geotechnical Investigation Report for Bridge No. 96
31	Ahmedabad	AH-0011	_	Geotechnical Investigation Report for Bridge No. 97
32	Ahmedabad	AH-0141	_	Geotechnical Investigation Report for Bridge No. 99
33	Ahmedabad	AH-0142	_	Geotechnical Investigation Report for Bridge No. 100
34	Ahmedabad	AH-0143	_	Geotechnical Investigation Report for Bridge No. 101
35	Ahmedabad	AH-0144	_	Geotechnical Investigation Report for Bridge No. 102
36	Ahmedabad	AH-0145	_	Geotechnical Investigation Report for Bridge No. 103 A
37	Ahmedabad	AH-0146	_	Geotechnical Investigation Report for Bridge No. 104
38	Ahmedabad	AH-0147	_	Geotechnical Investigation Report for Bridge No. 106
39	Ahmedabad	AH-0148	_	Geotechnical Investigation Report for Bridge No. 108
40	Ahmedabad	AH-0149	_	Geotechnical Investigation Report for Bridge No. 109
41	Ahmedabad	AH-0066	_	Geotechnical Investigation Report for Bridge No. 111
42	Ahmedabad	AH-0067	_	Geotechnical Investigation Report for Bridge No. 113
43	Ahmedabad	AH-0248	_	Geotechnical Investigation Report for Bridge No. 115
44	Ahmedabad	AH-0249	_	Geotechnical Investigation Report for Bridge No. 116
45	Ahmedabad	AH-0250	_	Geotechnical Investigation Report for Bridge No. 117
46	Ahmedabad	AH-0251	_	Geotechnical Investigation Report for Bridge No. 118
47	Ahmedabad	AH-0244	_	Geotechnical Investigation Report for Bridge No. 120
48	Ahmedabad	AH-0022	_	Geotechnical Investigation Report for Bridge No. 121
49	Ahmedabad	AH-0021	_	Geotechnical Investigation Report for Bridge No. 122
50	Ahmedabad	AH-0267	_	Soil Investigation Report for Bridge No.123 (Vartak River)
51	Ahmedabad	AH-0027	_	Geotechnical Investigation Report for Bridge No. 124
52	Ahmedabad	AH-0026	_	Geotechnical Investigation Report for Bridge No. 125
53	Ahmedabad	AH-0028	_	Geotechnical Investigation Report for Bridge No. 126
54	Ahmedabad	AH-0012	_	Geotechnical Investigation Report for Bridge No. 127
55	Ahmedabad	AH-0047	_	Geotechnical Investigation Report for Bridge No. 128
56	Ahmedabad	AH-0059	_	Geotechnical Investigation Report for Bridge No. 129
57	Ahmedabad	AH-0245	_	Geotechnical Investigation Report for Bridge No. 130
58	Ahmedabad	AH-0246	_	Geotechnical Investigation Report for Bridge No. 131
59	Ahmedabad	AH-0247	_	Geotechnical Investigation Report for Bridge No. 133
60	Ahmedabad	AH-0240	_	Geotechnical Investigation Report for Bridge No. 134
61	Ahmedabad	AH-0241	_	Geotechnical Investigation Report for Bridge No. 135
62	Ahmedabad	AH-0242	_	Geotechnical Investigation Report for Bridge No. 137
63	Ahmedabad	AH-0046	_	Geotechnical Investigation Report for Bridge No. 138
64	Ahmedabad	AH-0150	_	Geotechnical Investigation Report for Bridge No. 139
65	Ahmedabad	AH-0152	_	Geotechnical Investigation Report for Bridge No. 140
66	Ahmedabad	AH-0023	_	Geotechnical Investigation Report for Bridge No. 141

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No.	CPM	CPM's Serial No.	Date	Report Title
67	Ahmedabad	AH-0020	_	Geotechnical Investigation Report for Bridge No. 142
68	Ahmedabad	AH-0029	_	Geotechnical Investigation Report for Bridge No. 143
69	Ahmedabad	AH-0030	_	Geotechnical Investigation Report for Bridge No. 144
70	Ahmedabad	AH-0025	_	Geotechnical Investigation Report for Bridge No. 145
71	Ahmedabad	AH-0034	_	Geotechnical Investigation Report for Bridge No. 146
72	Ahmedabad	AH-0051	_	Geotechnical Investigation Report for Bridge No. 148
73	Ahmedabad	AH-0052	_	Geotechnical Investigation Report for Bridge No. 149
74	Ahmedabad	AH-0048	_	Geotechnical Investigation Report for Bridge No. 150
75	Ahmedabad	AH-0050	_	Geotechnical Investigation Report for Bridge No. 152
76	Ahmedabad	AH-0054	_	Geotechnical Investigation Report for Bridge No. 153
77	Ahmedabad	AH-0231	_	Geotechnical Investigation Report for Bridge No. 154
78	Ahmedabad	AH-0232	_	Geotechnical Investigation Report for Bridge No. 155
79	Ahmedabad	AH-0233	_	Geotechnical Investigation Report for Bridge No. 156
80	Ahmedabad	AH-0234	_	Geotechnical Investigation Report for Bridge No. 157
81	Ahmedabad	AH-0017	_	Geotechnical Investigation Report for Bridge No. 158
82	Ahmedabad	AH-0290	_	Report on Soil Exploration for Construction of Major, Minor Bridges, Formation & RUB for Freight Corridor from Nadiad to Palanpur on Western Freight Corridor Bridge No 179 (Sabarmati River)
83	Ahmedabad	AH-87	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-03. DFCCIL CH-65.022 Km.
84	Ahmedabad	AH-88	Year-2012	A Report on Geotechnical Investigation for RUB VI(SA-04). DFCCIL CH-65.355 Km.
85	Ahmedabad	AH-89	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-06 DFCCIL CH-65.507 Km.
86	Ahmedabad	AH-90	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-07 DFCCIL CH-65.558 Km.
87	Ahmedabad	AH-91	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-08 DFCCIL CH-65.865 Km.
88	Ahmedabad	AH-92	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-12 DFCCIL CH-68.506 Km.
89	Ahmedabad	AH-93	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-13 DFCCIL CH-68.935 Km.
90	Ahmedabad	AH-94	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-15 DFCCIL CH-69.568 Km.
91	Ahmedabad	AH-95	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. SA-16 DFCCIL CH-70.050 Km.
92	Ahmedabad	AH-97	Year-2012	A Report on Geotechnical Investigation for RUB- VIII (SA-18) DFCCIL CH-70.958 Km. Bore Hole No.1
93	Ahmedabad	AH-98	Year-2012	A Report on Geotechnical Investigation for RUB- VIII (SA-18) DFCCIL CH-70.958 Km. Bore Hole No.2
94	Ahmedabad	AH-96	Year-2012	A Report on Geotechnical Investigation for RFO (SA-18 A) DFCCIL CH-70.600 Km.
95	Ahmedabad	AH-99	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. (SA-21) DFCCIL CH-72.595 Km.
96	Ahmedabad	AH-100	Year-2012	A Report on Geotechnical Investigation for Major Bridge No. (SA-23) DFCCIL CH-73.310 Km.
97	Ahmedabad	AH-101	Year-2012	A Report on Geotechnical Investigation for Major Bridge No.(SA-26) DFCCIL CH-74.526 Km.
98	Ahmedabad	AH-102	Year-2012	A Report on Geotechnical Investigation for RUB- III (SA-28) DFCCIL CH-75.673 Km.
99	Ahmedabad	AH-103	Year-2012	A Report on Geotechnical Investigation for RUB- III (SA-31) DFCCIL CH-76.900 Km.
100	Ahmedabad	AH-104	Year-2012	A Report on Geotechnical Investigation for Major Bridge No.(SA-33A) DFCCIL CH-77.540 Km.
101	Ahmedabad	AH-105	Year-2012	A Report on Geotechnical Investigation for RUB- VI (SA-39) DFCCIL CH-79.321 Km. Bore Hole No.1
102	Ahmedabad	AH-106	Year-2012	A Report on Geotechnical Investigation for RUB- VI (SA-39) DFCCIL CH-79.321 Km. Bore Hole No.2
103	Ahmedabad	AH-0259	_	Geotechnical Investigation Report for Bridge No. 191
104	Ahmedabad	AH-0260	_	Geotechnical Investigation Report for Bridge No. 192
105	Ahmedabad	AH-0252	_	Geotechnical Investigation Report for Bridge No. 194
106	Ahmedabad	AH-0253	_	Geotechnical Investigation Report for Bridge No. 196
107	Ahmedabad	AH-0256	_	Geotechnical Investigation Report for Bridge No. 196 C
108	Ahmedabad	AH-0254	_	Geotechnical Investigation Report for Bridge No. 197

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109	Ahmedabad	AH-0255	_	Geotechnical Investigation Report for Bridge No. 199
110	Ahmedabad	AH-0156	_	Geotechnical Investigation Report for Bridge No. 200
111	Ahmedabad	AH-0262	_	Geotechnical Investigation Report for Bridge No. 201
112	Ahmedabad	AH-0263	_	Geotechnical Investigation Report for Bridge No. 202
113	Ahmedabad	AH-0257	_	Geotechnical Investigation Report for Bridge No. 203
114	Ahmedabad	AH-0072	_	Geotechnical Investigation Report for Bridge No. 204
115	Ahmedabad	AH-0093	_	Geotechnical Investigation Report for Bridge No. 206
116	Ahmedabad	AH-0079	_	Geotechnical Investigation Report for Bridge No. 208
117	Ahmedabad	AH-0080	_	Geotechnical Investigation Report for Bridge No. 209 A
118	Ahmedabad	AH-0081	_	Geotechnical Investigation Report for Bridge No. 210
119	Ahmedabad	AH-0082	_	Geotechnical Investigation Report for Bridge No. 211 A
120	Ahmedabad	AH-0083	_	Geotechnical Investigation Report for Bridge No. 211 B
121	Ahmedabad	AH-0069	_	Geotechnical Investigation Report for Bridge No. 212
122	Ahmedabad	AH-0070	_	Geotechnical Investigation Report for Bridge No. 213
123	Ahmedabad	AH-0071	_	Geotechnical Investigation Report for Bridge No. 214
124	Ahmedabad	AH-0085	_	Geotechnical Investigation Report for Bridge No. 215
125	Ahmedabad	AH-0086	_	Geotechnical Investigation Report for Bridge No. 216
126	Ahmedabad	AH-0087	_	Geotechnical Investigation Report for Bridge No. 217
127	Ahmedabad	AH-0088	_	Geotechnical Investigation Report for Bridge No. 220
128	Ahmedabad	AH-0089	_	Geotechnical Investigation Report for Bridge No. 221
129	Ahmedabad	AH-1	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 2.260 Km & 3.990 Km.
130	Ahmedabad	AH-2	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 3.210 Km.
131	Ahmedabad	AH-4	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 3.403 Km.
132	Ahmedabad	AH-5	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 4.700 Km.& 5.630 Km.
133	Ahmedabad	AH-6	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 5.720 Km.& 6.308 Km.
134	Ahmedabad	AH-7	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 7.590 Km.& 8.820 Km.
135	Ahmedabad	AH-8	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 9.880 Km.& 10.085 Km.
136	Ahmedabad	AH-9	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 11.125 Km.& 11.810 Km.
137	Ahmedabad	AH-10	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 12.490 Km.& 13.300 Km.
138	Ahmedabad	AH-11	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges DFCCIL CH- 14.010 Km.
139	Ahmedabad	AH-12	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 1026 & 1024 I.R CH- 750-13-14 / Km. 749-12-13. DFCCIL CH- 14.124 Km / 15.252 Km.
140	Ahmedabad	AH-13	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 1023 & 1017, I.R CH- 748-12-13 / Km. 745-04-05. DFCCIL CH- 16.200 Km / 19.725 Km.
141	Ahmedabad	AH-14	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1022, I.R CH- 748/02-03 Km. DFCCIL CH- 16.920 Km
142	Ahmedabad	AH-15	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1020, I.R CH- 746/12-13 Km. DFCCIL CH- 18.225 Km
143	Ahmedabad	AH-16	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1016, I.R CH- 744/09-10 Km. DFCCIL CH- 20.425 Km
144	Ahmedabad	AH-17	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 1014 & 1012 , I.R CH- 743-06-07 km. / 742-12-13 km. DFCCIL CH- 21.408 Km / 22.270 Km.
145	Ahmedabad	AH-18	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1011, I.R CH- 742/02-03 Km. DFCCIL CH- 22.900 Km
146	Ahmedabad	AH-19	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 1010 & 1006, I.R CH- 741-02-03 / Km. 738-03-04. DFCCIL CH- 23.825 Km / 26.790 Km.
147	Ahmedabad	AH-20	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1008, I.R CH- 739 / 7-8 Km. DFCCIL CH- 25.580 Km

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No.	CPM	CPM's Serial No.	Date	Report Title
148	Ahmedabad	AH-21	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 1004 & 1002, I.R CH- 737-12-13 / Km. 736-13-14. DFCCIL CH- 27.162 Km / 28.143 Km.
149	Ahmedabad	AH-22	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 1001, I.R CH- 735 / 00-01 Km. DFCCIL CH- 29.930 Km
150	Ahmedabad	AH-23	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 999 & 998, I.R CH- 734-07-08 / Km. 733-08-09. DFCCIL CH- 30.575 Km / 31.527 Km.
151	Ahmedabad	AH-24	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 997 & 996, I.R CH- 732-10-11 / Km. 732-01-02. DFCCIL CH- 32.392 Km / 32.915 Km.
152	Ahmedabad	AH-25	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 993 & 990, I.R CH- 731-00-01 / Km. 730-00-01. DFCCIL CH- 34.000 Km / 34.962 Km.
153	Ahmedabad	AH-26	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 989, I.R CH- 729 / 05-06 Km. DFCCIL CH- 35.434 Km
154	Ahmedabad	AH-27	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 987 & 985, I.R CH- 726-05-06 / Km. 727-06-07. DFCCIL CH- 36.438 Km / 37.388 Km.
155	Ahmedabad	AH-28	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 981, I.R CH- 725 / 06-07 Km. DFCCIL CH- 39.430 Km
156	Ahmedabad	AH-29	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 978 & 976, I.R CH- 724-05-06 / Km. 723-07-08. DFCCIL CH- 40.800 Km / 41.800 Km.
157	Ahmedabad	AH-30	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 973 & 971, I.R CH- 722-08-09 / Km. 722-04-05. DFCCIL CH- 42.737 Km / 43.148 Km.
158	Ahmedabad	AH-31	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 969 & 966, I.R CH- 721-08-09 / Km. 720-02-03. DFCCIL CH- 43.745 Km / 45.400 Km.
159	Ahmedabad	AH-32	Year-2011	A Report on Geotechnical Investigation for Khari River Bridges Nos - 965, I.R CH- 719/-05-07, DFCCIL CH- 46.100 Km
160	Ahmedabad	AH-33	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 964 & 963, I.R CH- 718-14-15 / Km. 717-08-09. DFCCIL CH- 46.740 Km / 47.710 Km.
161	Ahmedabad	AH-34	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 962 & 961, I.R CH- 716-08-09 Km. DFCCIL CH- 48.720 Km / 49.420 Km.
162	Ahmedabad	AH-35	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 959, I.R CH- 714 / 04-05 Km. DFCCIL CH- 51.170 Km
163	Ahmedabad	AH-36	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 958, I.R CH- 713 / 08-09 Km. DFCCIL CH- 51.750 Km
164	Ahmedabad	AH-37	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 957, I.R CH- 712 / 05-07 Km. DFCCIL CH- 53.020 Km
165	Ahmedabad	AH-38	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 956, I.R CH- 711 / 07-08 Km. DFCCIL CH- 53.800 Km
166	Ahmedabad	AH-39	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 955, I.R CH- 710 / 09-10 Km. DFCCIL CH- 54.680 Km
167	Ahmedabad	AH-40	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 952, I.R CH- 708 / 03-04 Km. DFCCIL CH- 57.290 Km
168	Ahmedabad	AH-41	Year-2011	A Report on Geotechnical Investigation for RTR-2 & Minor Bridge No - 950, DFCCIL CH- 53.952 Km / 58.680 Km.
169	Ahmedabad	AH-42	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 949, I.R CH- 706 / 02-03 Km. DFCCIL CH- 59.240 Km
170	Ahmedabad	AH-43	Year-2011	A Report on Geotechnical Investigation for Road Over Bridges for L.C Nos - 211 & 191, I.R CH- 715 /06-07 Km. & 685/ 02-03 DFCCIL CH- 49.960 Km. & 80.385 Km.
171	Ahmedabad	AH-44	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 948, I.R CH- 705 / 09-10 Km. DFCCIL CH- 59.710 Km
172	Ahmedabad	AH-45	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 947 A, I.R CH- 705 / 02-03 Km. DFCCIL CH- 60.213 Km
173	Ahmedabad	AH-46	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 946 , I.R CH- 705 / 02-03 Km. DFCCIL CH- 60.320 Km
174	Ahmedabad	AH-47	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 945 , I.R CH- 702 / 02-04 Km. DFCCIL CH- 63.280 Km
175	Ahmedabad	AH-48	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 944 & 942, I.R CH- 700/ 07-08- Km./ 700/00-01 Km. DFCCIL CH- 64.925 Km / 65.610 Km.
176	Ahmedabad	AH-49	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 939 , I.R CH- 699 / 00-01 Km. DFCCIL CH- 66.600 Km
177	Ahmedabad	AH-50	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 938 & 937, I.R CH- 698/ 02-03- Km./ 697/07-08 Km. DFCCIL CH- 67.370 Km / 67.870 Km.

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No.	CPM	CPM's Serial No.	Date	Report Title
178	Ahmedabad	AH-51	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 936 & 929, I.R CH- 696/ 09-10- Km./ 691/06-07 Km. DFCCIL CH- 68.745 Km / 74.022 Km.
179	Ahmedabad	AH-52	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 935 , I.R CH- 695 / 01-02 Km. DFCCIL CH- 69.380 Km
180	Ahmedabad	AH-53	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 934 , I.R CH- 694 / 07-08 Km. DFCCIL CH- 70.880 Km
181	Ahmedabad	AH-54	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 932 , I.R CH- 693 / 04-05 Km. DFCCIL CH- 72.190 Km
182	Ahmedabad	AH-55	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 931 , I.R CH- 692 / 09-10 Km. DFCCIL CH- 72.755 Km
183	Ahmedabad	AH-56	Year-2011	A Report on Geotechnical Investigation for Road Under Bridges For L.C Nos-200 & 166, I.R CH- 694/ 07-08 Km & 651/03-04 Km. DFCCIL CH- 70.860 Km & 114.080 Km.
184	Ahmedabad	AH-57	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 927 & 925, I.R CH- 690/ 05-06- Km./ 689/06-07 Km. DFCCIL CH- 75.120 Km / 76.055 Km.
185	Ahmedabad	AH-58	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 924 , I.R CH- 688 / 08-09 Km. DFCCIL CH- 76.830 Km
186	Ahmedabad	AH-59	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 922 A & 921, I.R CH- 687/ 07-08 Km./ 686/07-08 Km. DFCCIL CH- 78.185 Km / 78.895 Km.
187	Ahmedabad	AH-60	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 920 & 915, I.R CH- 686/ 02-03 Km./ 682/08-09 Km. DFCCIL CH- 79.408 Km / 82.802 Km.
188	Ahmedabad	AH-61	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 918 , I.R CH- 685 / 00-01 Km. DFCCIL CH- 80.590 Km
189	Ahmedabad	AH-62	Year-2011	A Report on Geotechnical Investigation for Saraswati River Bridge No 917 , I.R CH- 683 / 04-08 Km. DFCCIL CH- 82.100Km
190	Ahmedabad	AH-63	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 913 , I.R CH- 680 / 09-10 Km. DFCCIL CH- 84.635 Km
191	Ahmedabad	AH-64	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 914 & 911, I.R CH- 682/ 05-06 Km./ 679/09-10 Km. DFCCIL CH- 83.120 Km / 85.685 Km.
192	Ahmedabad	AH-65	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 910 & 909, I.R CH- 678/ 03-04 Km./ 677/06-07 Km. DFCCIL CH- 87.350 Km / 88.040 Km.
193	Ahmedabad	AH-66	Year-2011	A Report on Geotechnical Investigation for Road Over Bridges For L.C Nos-189 & 188, I.R CH- 681/ 05-06 Km & 681/02-03 Km. DFCCIL CH- 84.065 Km & 84.405 Km.
194	Ahmedabad	AH-67	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 908 & 907, I.R CH- 676/ 02-03 Km./ 675/07-08 Km. DFCCIL CH- 89.405 Km / 89.950 Km.
195	Ahmedabad	AH-68	Year-2011	A Report on Geotechnical Investigation for Minor Bridges Nos - 906 & 904, I.R CH- 675/ 04-05 Km./ 674/06-07 Km. DFCCIL CH- 90.225 Km / 91.060 Km.
196	Ahmedabad	AH-69	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 902 & 901, I.R CH- 673/ 05-06 Km./ 672/08-09 Km. DFCCIL CH- 92.080 Km / 92.787 Km.
197	Ahmedabad	AH-70	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 900 & 899, I.R CH- 672/ 04-05 Km./ 671/08-09 Km. DFCCIL CH- 93.258 Km / 93.780 Km.
198	Ahmedabad	AH-71	Year-2011	A Report on Geotechnical Investigation for Major Bridge No - 897 , I.R CH- 670 / 06-07 Km. DFCCIL CH- 95.000 Km
199	Ahmedabad	AH-72	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 898 & 896, I.R CH- 670/ 09-10 Km./ 670/01-02 Km. DFCCIL CH- 94.670 Km / 95.490 Km.
200	Ahmedabad	AH-73	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 892 & 891, I.R CH- 668/ 02-03 Km./ 677/04-05 Km. DFCCIL CH- 97.375 Km / 98.095 Km.
201	Ahmedabad	AH-74	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 890 & 889, I.R CH- 666/ 08-09 Km./ 664/07-08 Km. DFCCIL CH- 98.760 Km / 100.885 Km.
202	Ahmedabad	AH-75	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 888 & 887, I.R CH- 664/ 02-03 Km./ 663/08-09 Km. DFCCIL CH- 101.390 Km / 101.830 Km.

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No.	CPM	CPM's Serial No.	Date	Report Title
203	Ahmedabad	AH-76	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 885 & 884, I.R CH- 663/ 03-04 Km./ 662/09-10 Km. DFCCIL CH- 102.250 Km / 102.753 Km.
204	Ahmedabad	AH-77	Year-2011	A Report on Geotechnical Investigation for Umardashi River Bridge No - 883, I.R CH- 662/ 00-03 Km.DFCCIL CH-
205	Ahmedabad	AH-78	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 880 & 877, I.R CH- 658/ 06-07 Km./ 657/06-07 Km. DFCCIL CH- 106.900 Km / 108.015 Km.
206	Ahmedabad	AH-79	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 875 & 873, I.R CH- 655/ 09-10 Km./ 655/02-03 Km. DFCCIL CH- 109.308 Km / 110.022 Km.
207	Ahmedabad	AH-80	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 882 & 881, I.R CH- 660/ 06-07 Km./ 659/03-04 Km. DFCCIL CH- 104.425 Km / 106.362 Km.
208	Ahmedabad	AH-81	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 871 & 870, I.R CH- 654/ 06-07 Km./ 654/00-01 Km. DFCCIL CH- 110.655 Km / 111.192 Km.
209	Ahmedabad	AH-82	Year-2011	A Report on Geotechnical Investigation for Minor Bridge Nos - 869, I.R CH- 652/14-15 Km. DFCCIL CH- 112.322 Km
210	Ahmedabad	AH-83	Year-2011	A Report on Geotechnical Investigation for Major Bridge Nos - 868, I.R CH- 650/9-10 Km. DFCCIL CH- 114.645 Km
211	Ahmedabad	AH-84	Year-2011	A Report on Geotechnical Investigation for Road Over Bridge for L.C No.165, I.R CH- 650/03-04 Km. DFCCIL CH-
212	Ahmedabad	AH-85	Year-2011	A Report on Geotechnical Investigation for Major Bridge Nos - 867, I.R CH- 649/13-14 Km. DFCCIL CH- 115.415 Km
213	Ahmedabad	AH-86	Year-2011	A Report on Geotechnical Investigation for Road Over Bridges for L.C Nos.179 & 171, I.R CH- 669/03-04 Km & 658/01-02 Km.. DFCCIL CH- 96.330 Km. & 107.550 Km.

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Manak Nagar, Lucknow - 226011
Uttar Pradesh (INDIA)

LIST OF APPROVED VENDORS

Office Address and Phone Nos. | **Work's Address and Phone Nos.**

POT-PTFE BEARINGS

CONTROLLING AUTHORITY : B&S DTE. — INSPECTION AUTHORITY
SPECIFICATION : IRS-Nil — INITIAL QUANTITY 100% BY B&S DTE.
DRAWING NOS. : ALL DRAWINGS — REGULAR : 100% BY B&S DTE.

	Office Address and Phone Nos.	Work's Address and Phone Nos.
1	**BBR India Pvt. Ltd.** No. 318, 15th Cross, 6th Main,, Sadashivanagar Bangalore-560080 Ph: 080-40250000 Fax: 080-40250001	No. 31, 2nd Phase, Peenya Industrial Area , Bangalore-560058 Ph: 080-23724673 bbrinda@vsnl.in
2	**Construction Equipment Co.** C-6,Shastri Nagar Meerut-250005 Ph.0121-2764087,2603307	Garden House, Garh Road , Meerut-250005 Ph:0121-2772425,2764025 Fax:2701382
3	**Dynamic Prestress (I) Ltd.** 72-Mahavir Centre, Sector-17, Vashi Navi Mumbai -400705 Ph: 022-27892628 / 27891310	E-46, M.I.D.C. Colony ,Satpur, Nashik - 422007 Ph: 0253-2351411 ; 2354070
4	**J. Sons Engg. Corp (India)** J. Sons House, Garh Road Meerut -250002 Ph: 0121-2603305/ 06	37, Garh Road , Meerut-250002 Ph: 0121-2604601:Fax:0121-2760603
5	**Mageba Bridge Products Pvt. Ltd.** 45,Jhowtala Road (New Name Fazzul Haque Sarani), 3rd Floor Kolkata-700019 Ph-033-2290250-53,Fax:033-22900254	J-50 Industrial Estate, Baltikuri , Howrah-711104 Ph:033-26530818 Fax:033-23346308
6	**Metal Engineers & Treatment Co. Pvt. Ltd.** 42B, Motilal Basak Gardens Kolkata-700054 Ph. 033-23594081	(1)Makarda Road, Das Nagar,Howrah-711005, (2)K-65, Howrah Industrial Estate P.O Baltikuri , Howrah Ph 033-26770322,26533739
7	**Poly Fluoro Ltd.** 260A, Bommasandra Industrial Area, House Road Bangalore-560099 Ph:080-27832622/ 27833068, Fax:080-27832549	260A, Bommasandra Industrial Area, House Road , Bangalore-560099 Ph:080-27832622/ 27833068, Fax:080-27832549 enquiries@pol

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LIST OF APPROVED VENDORS

	Office Address and Phone Nos.	Work's Address and Phone Nos.
8	**Sanfield India Ltd.** 13 A, D-Sector, Industrial Area, Govindpura Bhopal -462023 Ph: 0755-260266/ 2 / 4 / 5 ; 5271571 ; 5284320 Fax: 5270730 ; 2602663	13-A, D-Sector Industrial Area, Govindpura , Bhopal -462023 Ph: 0755-260266/ 2 / 4 / 5 ; 5271571 ; 5284320
9	**Steel Auto Industies** 506, Model Town, Yamuna Nagar- 135001 (Haryana) Ph.01732-224835,231953, Fax 01732-229980	471-V, Issopur, Delhi Road , Yamuna Nagar-135001 Ph:01732-249197,294198 ,Fax 01732- 294197
10	**Vigyashree Sharoda Infrastructure Ltd.** HIG-20, Shivaji Nagar Bhopal -462016 (MP) Ph: 0755-4058484	Plot No. C-1(A), Industrial Area, Mandideep, Phase-II, Mandideep , District-Raisen Fax: 0755-4058485 vsllbhopal@gmail.com

LIST OF APPROVED VENDORS

	Office Address and Phone Nos.	Work's Address and Phone Nos.

ELASTOMERIC BEARINGS

CONTROLLING AUTHORITY : B&S DTE.
SPECIFICATION : IRS-Nil

DRAWING NOS. : ALL DRAWINGS

INSPECTION AUTHORITY

INITIAL QUANTITY 100% BY AGENCY NOMINATED BY CONSIGNEE ZONAL RAILWAY.

REGULAR : 100% BY AGENCY NOMINATED BY CONSIGNEE ZONAL RAILWAY.

1	**Ameen Ji Rubber Pvt. Ltd.** 5-5-65/ 1, F-14, 1st Floor, S.A. Trade Centre, Ranigunj Secunderabad -500003 Ph: 040-66322144 ; 66325660	Plot No. P-9/ 18, Road No. 8,, I.D.A. Nacharam , Hyderabad -500076 Ph: 040-22214497 / 98
2	**Construction Equipment Company** C-6, Shastri Nagar Meerut-250005 Ph:0121-2764087,2603307	Garden House, Garh Road, Meerut- 250005 Ph:0121-2772425, 2764025 Fax:0121- 2701382
3	**D. K. Steels** Stephen House, 4, B.B.D. Bagh (East), 3rd Floor, Room No. 51C Kolkata -700001 Ph: 033-22314497/ 98 Fax: 22427685	Howrah Amta Road, Baltikuri, Howrah Ph: 033-26532652
4	**Elastomet Bearings Pvt. Ltd.** 42-B Motilal Baswak Garden Lane Kolkata-700001	77/ 16,Benaras Road, Howrah-711006 Ph. 033-26516512 Fax. 033- 22257995,22152477
5	**Hevea Rubber Technologies Pvt. Ltd.** 21, Development Plot, Poovanthuruthu P.O. Kottayam -686012(Kerala) Ph: 0481-23442081 ; 2341693	21, Development Plot, Poovanthuruthu, P.O. Kottayam -686012(Kerala) Ph: 0481-23442081 ; 2341693
6	**J. Sons Engg. Corp (India)** J. Sons House, Garh Road Meerut- 250002 Ph: 0121-2603-305 / 306	37,Garh Road,, Meerut -250002 Ph: 0121-2604601. Fax:0121-2760603

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LIST OF APPROVED VENDORS

	Office Address and Phone Nos.	Work's Address and Phone Nos.
7	**Kanta Rubber Pvt. Ltd.** 143-144, Phase-V, IDA Industrial Area, Hyderabad -500055(A.P.) Ph: 040-30963338 ; 30962251 Fax: 23090505	143-144, Phase-V, IDA Industrial Area, Jeedimetia , Hyderabad -500055(A.P.) Ph: 040-22309818 ; 23091093
8	**Mageba Bridge Products Pvt. Ltd.** 45,Jhowtala Road(New Name Fazzul Haque Sarani), 3rd Floor, Kolkata-700019 Ph-033-2290250-53,Fax:033-22900254	Howrah- Amata Road, Kantalia, Nibra , Howrah Ph:033-26707346 Fax:23346308
9	**Maruti Techno Rubber Pvt. Ltd.** A-80,Preet Vihar New Delhi -92	B -69, Sector -5,, Noida -201301,UP Ph:0120-2420336/ 2420628 Fax: 0120-2420339 marutitechno@vsnl.net
10	**Noble Elastomers** 2-2-96/ 1-2nd Floor, Pan Bazar, Ranigunj Secunderabad-500003 Ph: 040-27703258 ; 09849545203	D-70/ A, Phase-1, Road No. 29, I.D.A. Jeedimetla , Hyderabad -500055 tulsiprises@gmail.com
11	**Polymer Products** 72-Mahavir Centre, Sector-17, Vashi Navi Mumbai -400705 Ph: 022-27891310 ; 27892628	H-32, M.I.D.C., Shivaji Nagar, Satpur, Nasik -422007 , Maharashtra State Ph: 0253-2350935 ; 2353949
12	**Sanfield India Ltd.** 13 A, D-Sector, Industrial Area, Govindpura Bhopal -462023 Ph: 0755-260266 / 2 / 4 / 5 ; 5271571 ; 5284320 Fax: 5270730 ; 2602663	13-A, D-Sector Industrial Area, Govindpura , Bhopal -462023 Ph: 0755-260266/ 2 / 4 / 5 ; 5271571 ; 5284320
13	**Steel Auto Industries** 506, Model Town Yamuna Nagar-135001(Haryana) Ph:01732-224835,231953 Fax:229980	471-V, Issopur, Delhi Road, Yamuna Nagar-135001 , (Haryana) Ph:01732-249197,294198, Fax:294197
14	**Tricon Polymers Pvt. Ltd.** D-II, Udyog Sadan No.11, Central Road,, Opp. ESIC Hospital, MIDC Andheri (E), Mumbai -400093 Ph: 022-28327061 ; 28260696	Plot No. A-356, TTC Industrial Area, MAHAPE , Distt. Thane Ph: 022-27781171/ 72 ; 39594172

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LIST OF POTENTIAL MANUFACTURERS / SUPPLIERS OF VARIOUS MATERIAL

Sl. No.	Details of Materials / Products	Manufacturer's Name
1.	Cement	ACC, Ultratech, Gujarat Ambuja, Birla, Grasim, JP Cement
2.	Reinforcement Bars	SAIL, RashtriyaIspat Nigam Ltd. (Vizag Steel Plant, Andhra Pradesh), Tata Steel (Jharkhand), JSW Steel (Karnataka), Shyam Steel (Durgapur) and any other integrated steel plant as per Ministry of Steel's definition.
3.	Epoxy	FOSROC, SIKA, BASF.
4.	Expansion Joints	Empanelled Suppliers as per Ministry of Road Transport & Highways letter no. RW/NH-34059/1/96-S&R dated 20 Feb 2001 & any amendments to the same or as approved by ENGINEER.
5.	Admixtures	FOSROC, MBT, Sika, Choksey, STP, BASF
6.	Pile Integrity Testing Agency	CBRI, FUGRO-KND, Pile Dynamic, AIMIL, Geo dynamic
7.	Anchor Fastener`	HILTI, FISHER, Canon,
8.	Structural Steel	TATA, SAIL, ESSAR, Jindal Steel & Power Ltd., JSW
9.	Stainless Steel	Jindal, SAIL
10.	Pre-Stressing Strand (LRPC)	TATA SSL Ltd., USHA Martin
11.	Welding Electrodes	ESAB, Advani – Orkilon Weld Alloy, Modi, GEE, Honavar, L&T Eutectic
12.	Pot/Elastomeric Bearings	Prequalified Manufactures as per Ministry of Road Transport & Highways letter No. RW/NH-34057/1/95-S&R dated 2 Nov 2002 & any amendments to the same or as approved by ENGINEER
13.	Horizontal Tie Bars / Shear Bars	BB Bars System or equivalent
14.	HDPE Sheathing	Rex Polyextrusion, Gwalior Polypipes Ltd.
15.	Formwork Release Agent	FOSROC, MBT, MC Baucheme, CICO, SWC, Choksey, BASF
16.	Prestressing System	Freyssinet, BBR, VSL, Dynamic, Killick Nixon, Usha Martin, Posten
17.	Reinforcement Couplers	Dextra, Moment or equivalent
18.	Hollow Sections, Pipes	JSW, JSPL
19.	Drainage Pipes	TirupatiPlastomatics, Duraline, REX
20.	Acrylic Textured Coatings	Spectrum, Asian Paints
21.	Non Shrink Grout	Fosroc Chemical (India), SIKA, BASF, MBT, Sika, SWC, Choksey
22.	Bonding Cost	CICO, FOSROC, BASF, SWC
23.	Polysulphide Sealant	CICO, Pidilite, BASF, FOSROC, SWC
24.	Steel Structural Fasteners	Sundram Fasteners, Unbrako
25.	Paints	Berger, Johnson Nicholsan, Nerolac, Asian, Akzo Nobel
26.	Micro Silica	Sika, Elchem,
27.	Fire Resistant Paints	Akzo, Noble, PPG
28.	External Acrylic Emulsion	Berger, Apex, Asian, Nerolac, Jenson &Nicklson

NOTE- Refer master list of Approved Vendors by Quality Assurance Civil Directorate by RDSO.

List of existing manufactures of PSC Sleepers along the Alignment

Sl. No.	Rly.	Company	Location
1.	NR	Ashi Pvt. Ltd. Railway Sleeper Plant .Railway Station area Rewari. (Haryana)	Rewari.
2.	NWR	Daya Engineering Works (Sleeper) Ltd. Railway Sleeper Plant . Deegana. Dist.-Nagaur. (Rajasthan)	Degana.
3.	NWR	ISCO Train Sleepers Pvt. Ltd. Railway Sleeper Plant . Khatu. Dist.-Ringas.	Khatu .
4.	NWR	Arvind Construction Co. Ltd. Railway Sleeper Plant . Marwar Chhapri. Dist.-Nagaur. (Rajasthan)	MarwarChapri.
5.	NWR	Rural Engg. Co. Pvt. Ltd. Railway Sleeper Plant . Shambhu pura -312612. Dist.-Chitirgarh. (Rajasthan)	Shambhupura.
6.	NWR	BG Sleeper Pvt. Ltd. Railway Sleeper Plant . Maniksar, Dist.- Hanuman garh (Rajasthan)	Maniksar.
7.	NWR	BG Sleeper Pvt. Ltd. Railway Sleeper Plant .Bisau Dist-Churu (Rajasthan)	Bisau.
8.	WR	Vaman Prestressing Co. Railway Sleeper Plant .Ltd. Digsar. Dist.- Surendranagar.363001 (Gujrat)	Digsar
9.	WR	Manibhai& Brothers (Sleepers), Railway Sleeper Plant .Kharsalia. (Gujrat)	Kharsalia
10.	WR	S. Subrahmanyam& Co. Railway Sleeper Plant . Kharsalia. (Gujrat)	Kharsalia
11.	WR	Usha Prestressed Sleeper Udyog Railway Sleeper Plant . Godhra. (Gujrat)	Godhra
12.	WR	Manibhai& Brothers (Sleepers), Railway Sleeper Plant . Godhra. (Gujrat)	Godhra
13.	WR	Patil Rail Infrastructure Ltd. Railway Sleeper Plant . Near Railway Station UDAWADA Query, near NH-8,Rentlav Pardi.Dist.- Bulsar. (Gujrat)	Udwada

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Details of Trees to be cut in DFC Alignment from Nadiad to Karjoda

CPM- Ahmedabad Unit

Sr. No.	District	Village/Section	Girth of Trees					
			30 to 60 (cm)	61 to 90 (cm)	91 to 120 (cm)	121 to 150 (cm)	Above 151 (cm)	No.of Trees
1	Anand	Deva Vanta	14	36	11	5	5	71
2		Deva talpad	82	44	15	4	3	148
3	Kheda	Laval	65	38	27	12	3	145
4		Khandhli	4	5	3	1	0	13
5		Heranj	132	73	26	8	1	240
6		Garmala	3	1	1	0	0	5
7		Machhiel	84	84	26	4	9	207
8		Traj	118	50	36	11	9	224
9		Kasbe matar	4	12	3	2	1	22
10		Pipariya	206	82	22	12	8	330
11		Vasna Buzarg	10	27	22	12	2	73
12		Shetra	22	28	19	4	0	73
13		Naika	2	3	4	4	3	16
14		Chalindra	2	1	1	3	0	7
15		Dharoda	3	8	4	1	0	16
16		Kathwada	2	21	14	1	2	40
17	Ahmedabad	Changodar	0	0	11			11
18		Tajpar	0	0	30			30
19		Timba	0	27	32			59
20		Bhat	0	0	34			34
21		Godhavi	0	25	143			168
22		Godhavi	0	286	3			289
23		Kshindra	0	0	82			82
24		Moriya	0	0	35			35
25		Miroli	0	11	21			32
26		Kolat	0	0	70		2	72
27		Mahijada	0	22	36			58
28		Nidhard	0	1	12			13
29		Sanand	0	0	45			45
30		Garodiya	0	3	7			10
31		Kaneti	0	6	22		0	28
32	Gandhinagar	Vadaswami	340	84	30	5	2	461
33		Vansajada -kalol	0	7	4			11
34		Ramnagar	71	38	6			115
35		Pratappura	146	87	11	2		246
36		Piyaj	59	90	4	0	2	155
37		Pansar	129	68	9	2	0	208
38		OLA	36	8	3	0	0	47
39		Nasmed	9	5	4	0	2	20
40		Moti Bhoyan	0	5	14	0	4	23
41		Karoli	5	25	3	0	0	33
42		Kalol	305	148	1	1	0	455
43		Jethalaj	0	2	20	0	0	22
44		Chhatral	287	43	24	0	1	355
45		Borisana	102	41	1	1	0	145
46	Mehsana	Pansar	71	44	34	24	23	196
47		Maktupur- Aithor	99	269	312	131	66	877
48		Jetalvasna-Bhandu	88	125	96	36	11	356
49		Kamli RLY Stn	64	97	38	8	21	228
50		Kamli	26	8	3	2	1	40
51		Unjha	16	34	44	76	47	217
52		Maktupur	3	10	14	5	3	35
53		Jetalvasana	0	3	12	8	7	30
54		Aithor	10	3	9	24	12	58
55		Bhandu	39	44	40	17	12	152
56		Julasan	11	19	4	1	0	35
57		Amliyasan	0	0	1		0	1
58		Anandpura	5	3	8	2	0	18
59		Chaluwa	7	1	0	0	0	8
60		Dangrawa	99	40	27	11	7	184
61		Dholasan	274	84	39	6	4	407
62		Ditasan	42	16	1	0	0	59
63		Geratpur	8	8	11	1	0	28
64		Ghumasan	39	31	4	1	0	75
65		Hebuva	4	7	3	1	0	15
66		Haduva Hanumant	54	23	10	6	4	97
67		Jagudan	144	128	83	43	20	418
68		Jornang	12	7	0	0	0	19
69		Kaiyal	21	11	2	1	0	35
70		Kukas	2	8	1	0	0	11

Details of Trees to be cut in DFC Alignment from Nadiad to Karjoda

CPM- Ahmedabad Unit

Sr. No.	District	Village/Section	Girth of Trees					
			30 to 60 (cm)	61 to 90 (cm)	91 to 120 (cm)	121 to 150 (cm)	Above 151 (cm)	No.of Trees
71	Mehsana	Mevad	183	104	37	13	10	347
72		Moti Dau	35	45	17	6	4	107
73		Nani Dau	200	135	58	24	18	435
74		Navi Sedhavi	15	11	3	2	0	31
75		Punasan	7	9	3	0	0	19
76		Sobhasan	109	64	37	15	9	234
77		Taleti	52	33	20	3	6	114
78		Tankiya	5	8	3	1	0	17
79		Wamaj	0	2	6	0	0	8
80		Moti Dau to Mehsana	354	430	338	187	71	1380
81		Mehsana to Geratpur(Excl. JDN stn.area)	204	264	178	79	48	773
82		Dholasan To Navi Shedhavi	364	403	283	120	68	1238
83		Kaiyal To Jhulsan	645	815	520	248	175	2403
84		Jagudan Railway Station	52	40	43	19	28	182
85	Banaskantha	Hebatpur	2	3	7	2	1	15
86		Karjoda	8	0	0	0	0	8
87		Surajpura	85	66	40	25	6	222
88		Dharewada	151	17	5	2	4	179
89		Manpura	14	28	9	8	5	64
90		Paswadal	1	2	1	1	0	5
91		Kotadi	14	36	12	7	1	70
92		Akesan	5	20	5	7	0	37
93		Chadotar	10	45	21	8	0	84
94		Khodla	11	27	16	5	2	61
95		Mazadar	57	135	59	26	4	281
96		Malosana	17	33	16	4	2	72
97		Chhapi	116	35	16	7	3	177
98		Sedrasana	53	39	8	4	8	112
99		Sadarpur	44	81	51	10	5	191
100		Jasleni	12	54	16	6	1	89
101		Jagana	102	148	35	11	4	300
102		Palanpur	123	195	119	20	14	471
103		Palanpur	76	3	8	0	0	87
104		Palanpur	89	40	27	39	83	278
105		Khodla- Chadotar	129	52	17	2	1	201
106		Umardashi	4	11	14	9	24	62
107		Chhapi	18	21	19	10	19	87
108		Palanpur	13	17	12	5	4	51
109		Jagana	49	98	55	4	4	210
110		Sedrasana	25	21	9	5	2	62
111		Jasleni	42	57	44	12	3	158
112		Malosana	17	29	21	11	23	101
113		Majadar	55	47	41	10	14	167
114		Chhapi	74	102	49	29	17	271
115		Kotadi	62	183	74	11	6	336
116		Paswadal	10	26	22	8	10	76
117		Manpura	48	67	61	25	15	216
118		Dharewada	56	78	33	11	5	183
119	Patan	Sujanpur-Siddhpur	10	12	12			34
120		Siddhpur - Khali	51	60	37			148
121		Sujanpur(Dharewada Stn)	76	101	53			230
122		Siddhpur (Rly. Stn)	40	62	108			210
123		Sujanpur			1			1
124		Siddhpur	7	8	30			45
125		Lalpur	0	3	2			5
126		Khali	0	4	2			6
		Total	**7381**	**6997**	**4480**	**1560**	**1024**	**21442**

Note : Position of trees village-wise mentioned above are tentative. Contractor shall verify the data at site before cutting process.

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Details of Trees to be cut in DFC Alignment

CPM- Vadodara Unit

Sr. No.	Taluka	Village	Girth of Trees					
			30 to 60 (cm)	61 to 90 (cm)	91 to 120 (cm)	121 to 150 (cm)	Above 151 (cm)	No.of Trees
1	Anand	Gana	2	3	1	0	0	6
2		Khandhli	4736	47	8	8	3	4802
3		Meghwagana	38	31	37	12	10	128
4		Napad Talpad	93	69	26	11	25	224
5		Napad Vanta	254	56	13	5	3	331
6		Sandesar	1201	20	24	11	5	1261
7		Vanshkhiliya	80	27	16	7	4	134
8	Anklav	Aasodar	27	20	6	4	2	59
9		Ambali	187	36	8	4	0	235
10		Bhetasi Talpad	555	106	60	14	1	736
11		Bhetasi (Ba. Bhag)	726	199	67	20	3	1015
12		Haldari	508	154	50	7	2	721
13		Kanthariya	61	27	12	4	0	104
14		Kanwadi	959	182	48	27	6	1222
15		Khadol	1113	369	130	47	21	1680
16	Borsad	Kasumbad	71	29	19	10	3	132
17		Napa Talpad	0	0	0	0	0	0
18		Napa Vanto	396	112	44	20	22	594
19	Nadiad	Navagam	0	3	1	0	2	6
20	Padra	Chansad	1	0	0	0	0	1
21		Patod	3	0	0	0	0	3
22	Petlad	Bandhni	209	55	7	1	1	273
23		Boriya	20	6	5	1	2	34
24		Changa	1225	362	117	28	21	1753
25		Demol	1	0	1	1	2	5
26		Mahelav	71	31	8	1	0	111
27		Morad	65	8	2	3	1	79
28		Padgol	54	16	6	5	3	84
29		Ravipura	325	139	60	15	16	555
30		Vishnali	28	9	8	2	1	48
31	Sojitra	Deva Vanta	21	15	14	3	4	57
32		Runn	151	80	60	19	18	328
33	Vadodara	Angadh	59	0	0	0	0	59
34		Khalipur	9	0	0	0	0	9
35		Kotna	6	10	4	1	1	22
36		Mahapura	26	0	0	0	0	26
37		Shamiyala	3	0	0	0	0	3
38		Sherkhi	199	0	0	0	0	199
Total			**13483**	**2221**	**862**	**291**	**182**	**17039**

Note : Position of trees village-wise mentioned above are tentative. Contractor shall verify the data at site before cutting process.

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