

LIST OF APPLICATION WITH JUTE GEOTEXTILE (JGT)

Total No. of Works Undertaken so far with the Use of Jute Geotextiles as on 27.08.2021

Erosion Control & Hill Slope Stabilization – 304

Railways (Control of track settlement and slope stabilization)- 83

River / Canal Bank protection works (Irrigation & Waterways Department, KoPT etc.)- 165

Road Construction- 252

Agri-Horticulture & Forestry - 83

A. Erosion Control & Hill Slope Stabilization – 304

Sl No	State	PIU	Particulars of work done	Year of application	Results
1.	Uttarkhand	Central Soil & Water Conservation Research & Training Institute (CSWCRTI).	Mine Spoil stabilization With open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:10000 m ² , 5 MT	1987	By 1990 erosion checked, water pollution decreased, slope covered with vegetation.
2.	West Bengal	Deptt. of Forest, Govt. of W.B	Hill slope protection With open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered: 5000 m ² ,2.5MT	1988	Slope protected and covered with vegetation after 6 months.
3.	West Bengal	Forest Deptt. Shankerpur Govt. of West Bengal	Sand Dune stabilization With open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered: 5000 m ² ,2.5MT	1988	80% area covered by vegetation after 6 months.
4.	West Bengal	Public Works Department, Iswar Gupta bridge Approach, Kalyani side,PWD, Govt. of West Bengal	Stabilization of slope of approach bridge with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 2,500 m ² ,1.25MT	1989	Erosion checked. Bridge approach stabilized, slope covered with vegetation.
5.	Assam	Tea Research Association	Control of top soil erosion With open weave JGT- 34 x 15 - 400 g/m ² Area covered: 5000 m ² ,2MT	1995	Soil loss reduced by 97%
6.	Assam	Tea Research Association	Control of top soil erosion With open weave JGT- 17 x 4,5 - 300 g/m ² Area covered: 5000 m ² ,1.5MT	1995	Soil loss reduced by 93 %
7.	Assam	Tea Research Association	Control of top soil erosion With open weave JGT- 34 x 15 - 300 g/m ² Area covered: 3000 m ² ,0.9MT	1995	95% reduction in soil loss
8.	Uttar Pradesh	CRRI & PWD of U.P. Govt.	Land slide management With open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered: 5000 m ² ,2.5MT	1996	Land slide checked, covered with vegetation.

9.	Ponta Sahib,	CRRI & PWD, Govt. of Himachal Pradesh,	Road side slope protection Type of JGT used Open weave JGT- 6.5 x 4.5 – 500 g/m ² – 5000 m ² , 2.5MT	1997	Satisfactory
10.	West Bengal	Forest Deptt., Digha, Govt. of West Bengal.	Sand Dune stabilization With open weave JGT- 34x15-400 g/m ² Area covered: 1000 m ² ,0.4MT With open weave JGT- 11x12-300 g/m ² Area covered: 1000 m ² ,0.3MT	1997	Washed away by high tide in Sept'97.
11.	Chhattishgarh	Western Coal Fields Ltd.	Mine spoil stabilization With open weave JGT- 7 x 7 -730 g/m ² Area covered: 40,000 m ² ,29.2MT	2001	Spoil stabilized, sloped covered with vegetation
12.	Maharashtra	Western Coal Fields Ltd.	Mine spoil stabilization With open weave JGT 7 x 7 – 730 g/m ² - Area covered: 44,000 m ² ,32.12MT	2001	Covered with vegetation.
13.	Maharashtra	Western Coal Fields Ltd.	Mine spoil stabilization With open weave JGT- 6.5x4.5-500 g/m ² Area covered: 40,000 m ² ,20MT	2001	Covered with vegetation.
14.	Uttar Pradesh	Northern Coal Fields Ltd.	Mine spoil stabilization With open weave JGT- 7 x 7 – 730 g/m ² Area covered: 24,000 m ² ,17.52MT	2002	Spoil stabilized, covered with vegetation.
15.	Meghalaya	Sonapur, Border Roads Organization	Land Slide Management With open weave JGT- 12 x 12 -292 g/m ² Area covered :30,000 m ² ,8.76MT	2003	Landslide controlled, slope was stabilized with full vegetative cover.
16.	Border Roads, Karimganj – Silchar	Border Roads Organization Assam	Slope protection of road embankment Type of JGT used Open weave JGT- 6.5x 4.5- 500 g/m ² Area covered: 1,00,000 m ² , 50MT	2003	Highly satisfactory. Slope was stabilized and embankment unaffected.
17.	Odlabari – Kranti Road	Public Works Department. Govt. Of W.B	Slope protection of road embankment Type of JGT used Open weave JGT- 6.5x 4.5- 500 g/m ² 3,500 m ² ,1.75MT	2003	Slope stabilized & covered with vegetation.
18.	O B Dump Stabilization Goa	Sesa Goa Iron Ore Mines, Mahesh Patel- Env. Engineer Goa	Slope Stabilization, 6.5 x 4.5- 500 gsm Initial area covered – 38,000 m ² , 19.00MT	2003	Slope Stabilized, covered with vegetation

19.	Sikkim	National Hydro-electric Power Corporation TLDP - III	Land Slide Management & Steep slope stabilization With open weave JGT- 7 x 7 – 730 g/m ² Area covered: 5,400 m ² ,3.94MT	2004	Land slide checked and slope was stabilized.
20.	West Bengal	National Hydro-electric Power Corporation TLDP - I	Land Slide Management & Steep slope stabilization With open weave JGT- 7 x 7 – 730 g/m ² Area covered: 17,000,12.41MT	2004	Land slide checked, covered with vegetation.
21.	Assam	National Hydro-electric Power Corporation	Slope stabilization with Open weave JGT- 7 x 7 – 730 g/m ² Area covered :24,000 m ² ,17.52MT	2005	Slope stabilized and covered with vegetation.
22.	Himachal Pradesh	NTPC Limited, Kullu,HP	Slope stabilization with Open weave JGT- 7 x 7 – 730 g/m ² Area covered: 4,800 m ² ,3.50MT	2005	Slope stabilized and covered with vegetation.
23.	West Bengal	Forest Deptt., Jaldapara Govt. of West Bengal, Coochbehar Divn.	Slope protection with Open weave JGT- 7 x 7 – 730 g/m ² Area covered: 1,000 m ² ,0.73MT	2005	Entire slope stabilized and covered with vegetation.
24.	West Bengal	Public Works Department, Mundeswari, Govt. of West Bengal	Embankment Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 3,500 m ² ,1.75MT	2005	Bridge approach stabilized, slope covered with vegetation.
25.	Himachal Pradesh	Kullu, NTPC Limited	Slope stabilization with Open weave JGT- 7 x 7 – 730 g/m ² Area covered :10,000 m ² ,7.3MT	2006	Slope stabilized and covered with vegetation.
26.	Himachal Pradesh	National Hydroelectric Power Corporation	Slope stabilization with Open weave JGT- 6.5x4.5- 500 g/m ² Area covered: 18,000 m ² ,9MT	2007	Slope stabilized and covered with vegetation.
27.	Himachal Pradesh	National Hydroelectric Power Corporation	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 18,000 m ² ,9MT	2007	Slope stabilized and covered with vegetation.
28.	Himachal Pradesh	National Hydroelectric Power Corporation	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 63,000 m ² , 31.5MT	2007	Slope stabilized and covered with vegetation.
29.	Nagaland	Border Road Organization	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² Area covered,	2007	Embankment is in good shape and slope stabilized.

			27800m ² , 8.11MT		
30.	Port Blair	Border Road Tusk Force (GREF)	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 3,000 m ² ,1.5MT	2007	Slope stabilized, vegetation established.
31.	Port Blair	Border Road Tusk Force (GREF)	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered6500m ² , 3.25MT	2007	Slope stabilized, vegetation established.
32.	Uttar Pradesh	NHAI	Slope stabilization with Open weave JGT- 6.5x4.5 -500 g/m ² Area covered: 4,80,000m ² , 240MT	2007	Erosion checked, slope stabilized with vegetative cover.
33.	West Bengal	West Bengal Transport Infrastructure Development Corporation Ltd. Raidighi	Embankment slope stabilization of Bridge approach road with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 3,400 m ² ,1.7MT	2007	Bridge approach stabilized, slope covered with vegetation.
34.	West Bengal	Public Works Department, Govt. of West Bengal	Slope protection with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 2,500 m ² ,5MT	2007	Slope of road embankment stabilized.
35.	Port Blair, Andaman	BRO Andaman	Slope protection of road embankment with open weave JGT- 12 x 12 -292 g/m ² 8500	2007	Slope fully stabilized & covered with vegetation
36.	NH 3 by-pass, Guna, MP	Guna Infrastructure Ltd. (M.P.)	Highway embankment slope protection Open weave 6.5 x 4.5 , 500gsm – 24000 sq.m, 12MT	2007	Slope stabilized & covered with vegetation.
37.	Sikkim	BRO, Sikkim	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² ,3500m ²	2007	Slope stabilized & covered with vegetation.
38.	Assam	National Hydro-electric Power Corporation	Slope stabilization with Open weave JGT- 7 x 7 – 730 g/m ² Area covered: 24,000 m ² ,17.52MT	2008	Slope stabilized and covered with vegetation.
39.	Manipur	Border Road Organization	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² Area covered: 20,000 m ² ,5.84MT	2008	Embankment is in good shape and slope stabilized.
40.	Manipur	Border Road Organization	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ²	2008	Embankment is in good shape and slope stabilized.

			Area covered: 30,000 m ² , 8.76MT		
41.	Manipur	Border Road Organization	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² Area covered: 20,000 m ² ,5.84MT	2008	Embankment is in good shape and slope stabilized.
42.	Manipur	Border Road Organization	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² Area covered : 20,000 m ² ,8.76MT	2008	Embankment is in good shape and slope stabilized.
43.	Manipur	Border Road Organization	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² Area covered: 30,000 m ² ,8.76MT	2008	Embankment is in good shape and slope stabilized.
44.	Nagaland	Border Road Organization	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² Area covered: 18000 m ² , 5.26 MT	2008	Embankment is in good shape and slope stabilized.
45.	Nagaland	Border Road Organization	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² Area covered: 22000 m ² , 6.42 MT	2008	Embankment is in good shape and slope stabilized.
46.	West Bengal	Forest Deptt. Govt. of West Bengal, Coochbehar Divn.	Slope protection with Open weave JGT-6.5x4.5-500 g/m ² Area covered: 10,000 m ² ,5MT	2008	Entire slope stabilized and covered with vegetation.
47.	Andhra Pradesh	BRO, Andhra Pradesh	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² ,8000m ²	2008	Slope fully stabilized & covered with vegetation
48.	Chattisgarh,	BRO Chattisgarh,	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² ,12000 m ²	2008	Slope fully covered with vegetation
49.	Madhya Pradesh	BRO Madhya Pradesh	Slope protection of road embankment With open weave JGT-12 x 12 -292 g/m ² , 9000m ²	2008	Slope stabilized & covered with vegetation.

50.	Maharastra	BRO Maharastra	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² ,7000 gsm	2008	Slope stabilized & covered with vegetation.
51.	Nagaland	BRO Nagaland	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² ,21000gsm	2008	Slope stabilized & covered with vegetation.
52.	Tripura	BRO Tripura	Slope protection of road embankment With open weave JGT- 12 x 12 -292 g/m ² ,17000 gsm	2008	Slope stabilized & covered with vegetation.
53.	Himachal Pradesh	National Hydroelectric Power Corporation	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 24,000 m ² ,12MT	2009	Slope stabilized and covered with vegetation.
54.	West Bengal	National Highway Divn IX, PW ® Directorate	Slope protection with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 52,000 m ² ,26MT	2010	Land slide protected, vegetation started
55.	Panjab	CSWCRTI, Chandigar	Hill Slope Strabilization with new type of Open Weave JGT 500 gsm-1467 sq.m 600 gsm-1467 sq.m 700gsm-1467 sq.m	2011	Slope Stabilized with growth of vegetation
56.	Uttarakhand	CSWCRTI, Derhadun	Hill Slope Strabilization with new type of Open Weave JGT 500 gsm-3660 sq.m 600 gsm-2440 sq.m 700gsm-2452 sq.m	2012	Slope Stabilized with growth of vegetation
57.	Tamilnadu	CSWCRTI, Ooty	Hill Slope Strabilization with new type of Open Weave JGT 500 gsm-2867 sq.m 600 gsm-3904 sq.m 700gsm-3294 sq.m	2012	Slope Stabilized with growth of vegetation
58.	J & K	Srinagar Uri Hydroelectric Power Project, HCC / KK Enterprise / Gloster	Slope protection with Open weave JGT- 7 x 7-730 g/m ² Area covered: 12,000 m ² ,8.76MT	2012	Slope reported to be stabilized

59.	Himachal Pradesh	Satluj Jala Bidyut NigamLtd & National Hydroelectric Power Corporation	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 2,000 m ² ,1MT	2012	Slope stabilized , covered with vegetation
60.	J & K	Border Road Organization	Slope stabilization with Open weave JGT- 12 x12-292 g/m ² Area covered : 856 m ² ,0.24MT	2012	Slope stabilized , covered with vegetation
61.	J & K	Border Road Organization	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 200 m ² ,0.1MT	2012	Slope stabilized , covered with vegetation
62.	West Bengal	National Highway Divn IX, PW(R) Directorate and DM-Darjeeling	Slope protection with Open weave JGT- 7 x 7 -730 g/m ² Area covered: 14,000 m ² , 10.22MT	2012	Land slide protected, vegetation started
63.	Gujrat	Narmada Fertilizer Co. by	Water reservoir slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 7,500 m ² ,3.75MT	2013	Slope stabilized with vegetation
64.	Himachal Pradesh	Forest Dept. Govt of HP	Slope stabilization with Open weave JGT- 8 x 8-700 g/m ² (new) Area covered : 39,040 m ² ,27,32MT	2013	Slope Stabilized with growth of vegetation
65.	West Bengal	National Highway Divn IX, PW(R) Directorate and DM-Darjeeling	Slope protection with Open weave JGT- 7 x 7 -730 g/m ² Area covered: 13,000 m ² ,9.49MT	2013	Slope reported to be stabilized
66.	Khed Ki Aage Beat – Avari Block-Nirmand, Himachal Pradesh	Rampur Forest Circle, Himachal Pradesh	Erosion of hill slope to be stabilized with 8 x 8 OW700gsm JAT – 11,060 m ² ,7.74MT	2013	. Slope covered with vegetation
67.	Khed Ki Aage Beat – Avari Block-Nirmand, Himachal Pradesh	Rampur Forest Circle, Himachal Pradesh	Erosion of hill slope to be stabilized with 8 x 8 OW700gsm JAT – 5,434 m ² ,3.80MT	2013	Slope stabilized. Slope covered with vegetation

68.	Alsed Khad Beat-Dehar Block-Kangoo, Himachal Pradesh	Mandi Forest Circle, Himachal Pradesh	Erosion of hill slope to be stabilized with 8 x 8 OW700gsm JAT – 22,000 m ² , 15.4MT	2013	Slope stabilized. Slope covered with vegetation
69.	Kalingchigahar, Himachal Pradesh	Kullu Forest Circle, Himachal Pradesh	Erosion of hill slope to be stabilized with 8 x 8 OW700gsm JAT – 90,000 m ² , 63MT	2013	Slope stabilized. Slope covered with vegetation
70.	Hariyana	Ragib Gandhi Thermal Power station,	Stabilization of Fly Ash OB Dump 6.5x4.5-500 g/m ² Area covered : 68,000 m ² , 34MT	2014	Reported to be satisfactory
71.	Overseas	Material procured from Birla Mills	Slope stabilization with Open weave JGT- 9 x 8 – 850 gsm g/m ² (139 lbs yarn) Area covered : 13,500 m ² , 11.47MT	2014	Reported to be satisfactory
72.	WB, Mudeswari Bridge Approach, West Bengal	Public Works Department, Mudeswari Bridge Approach, Govt. of West Bengal	Embankment Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 3,500 m ² , 1.75MT	2015	Erosion checked. Bridge approach stabilized, slope covered with vegetation.
73.	Madhya Pradesh	PWD (R), Ujjani	Slope stabilization of road and bridge approach with Open weave JGT- 6.5x4.5-500 g/m ² Area covered: 10,000 m ² , 5MT	2015	Slope stabilized
74.	Burdwan	Shyam Steel, Jamuria, Burdwan	Slope Stabilization of sloppy land, 6.5 x 4.5- 500 gsm Initial area covered – 5,000 m ² , 2.5 MT	2015	Slope stabilized with vegetative cover
75.	Assam	Assam Power Generation Crpn, Hatidubi Dam, langpi Hydel	Slope stabilization with Open weave JGT- 8 x 8 – 700 gsm Area covered : 4,500 m ² , 3.15MT	2016	Stabilized
76.	J & K	Border Roads Organization	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 37,000 m ² , 18.5MT	2016	Slope stabilized, covered with vegetation

77.	Sikkim	Teesta Low Dam Project- V, NHPC by Sahadeb Khatua	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 24,000 m ² , 12 MT	2017	Slope stabilized ,covered with vegetation
78.	WB, NH-31	NH 31 slope protection from Pundibari to Tufangaj WB, Vetiver grass was used by Subrata Ghatak	Slope stabilization with Open weave JGT- 7 x 7 -730 g/m ² Area covered: 28500 m ² ,20.81MT	2017	Erosion checked. Slope stabilized & covered with vegetation.
79.	Meghalaya	PWD, North Jowai Division	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 13500 m ² , 6.75 MT	June 2017	Stabilized
80.	Meghalaya	PWD, Nongstoin Division	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 41,000 m ² , 20.5 MT	October 2017	Stabilized
81.	Jharkhand TISCO, Noamundi,	OB Dump of Slime, Iron Ore Mines, Noamundi	OB Dump Stabilization with 6.5 x 4.5- 500 gsm Initial area covered -25,000 m ² , 12.5 MT	2018	Reported to be satisfactory
82.	Tamil Nadu Kodaikanal	Hindustan Uniliver Compound - IS&WCRTI (Ooty) project	Soil Erosion Control of sloppy land with 6.5 x 4.5- 500 gsm & 600 gsm nonwoven Initial area covered -160 m ² , 0.08 MT	2018	Reported to be satisfactory
83.	Rain Water Harvesting Tank, Burdwan	Agri- irrigation, Burdwan	Slope Stabilization of two ponds with 6.5 x 4.5- 500 gsm Initial area covered – 6,000 m ²	2018	Reported to be satisfactory
84.	Rain Water Harvesting Tank, Saltoli, Bankura	Agri- Irrigation, Bankura	Slope Stabilization of Jhil, 6.5 x 4.5- 500 gsm Initial area covered – 5,000 m ² , 2.5 MT	2018	Reported to be satisfactory
85.	Odisha	NTPC, Dallipui, Jharsugarh,Odisha	Slope Stabilization of sloppy land, 6.5 x 4.5- 500 gsm Initial area covered – 2,60,000 m ² , 130 MT	2018	Reported to be satisfactory

86.	Rain Water Harvesting Tank, Saltoli, Bankura 2 nd phase	Agri- Irrigation, Bankura	Slope Stabilization of Jhil, 6.5 x 4.5- 500 gsm Initial area covered – 8,125 m ² , 4.06 MT	2018	Reported to be satisfactory
87.	Jharkhand TISCO, Noamundi,	OB Dump of Slime, Iron Ore Mines, Noamundi	OB Dump Stabilization with 6.5 x 4.5- 500 gsm Remaining area of 1 st site covered -1,000 m ² , 0.5 MT	2018	Reported to be satisfactory
88.	UP	Hydroseeding at slope of hill. UP	Hydroseeding for slope stabilization 5 x 4 – 340 gsm- 600 sq.m 6.5 x 4.5- 500 gsm- 600 sq.m	2018	Slope stabilized
89.	Rain Water Harvesting Tank, Seuri, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 5,000 m ² , 2.5 MT	2018	Slope stabilized
90.	Canada	Slope protection and filtration	Slope stabilization with 6.5 x 4.5- 500 gsm,- 1000 sq. m 84 x 37- 627 gsm woven JGT- 1000 sq.m	2018	Reported to be satisfactory
91.	Bihar Sariff Bihar	Slope of NH, Khurja, Bihar Sariff to Mokamma	Slope stabilization with 6.5 x 4.5- 500 gsm 16,500 sq.m, 8.25MT.	2018	Reported to be satisfactory
92.	Rain Water Harvesting Tank, Bankura	Agri- Irrigation, Bankura	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 30,000 m ² , 15 MT	2018	Satisfactory performance
93.	Rain Water Harvesting Tank, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 18,000 m ² , 9 MT	2018	Slope stabilized
94.	Meghalaya	PWD, NEC Division	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 2250 m ² , 1.12 MT	Feb 2018	Stabilized

95.	Meghalaya	PWD, NH Shillong Division	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 2,000 m ² , 1 MT	April 2018	Stabilized
96.	Meghalaya	PWD, NH Shillong Division	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 27,000 m ² , 13.5 MT	May 2018	Stabilized
97.	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia 1	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 26,000 m ² , 13 MT	2019	Slope stabilized
98.	Rain Water Harvesting Tank, Panagar, Burdwan	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 3,500 m ² 1.75 MT	Feb,2019	Grass seed and turf used. Good performance
99.	Nagaland, NH-39	NH 39 slope protection from Dimapur to Kohima, widened portion - uphill	Slope stabilization with Open weave JGT- 6,5 x 4.5- 500 g/m ² Area covered: 7,000 m ² , 3.5 MT	2019	Reported to be satisfactory
100.	Rain Water Harvesting Tank, ManikaraKonksha Burdwan	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 9,000 m ² , 4.5 MT	March,2019	Material procured and installation done
101.	Rain Water Harvesting Tank, Bagasole Birbhum	Agri- irrigation, Birbhum	Slope Stabilization of RWHT with 6.5 x 4.5- 500 gsm area covered – 8,030 m ² , 4.02 MT	March,2019	Slope stabilized
102.	Rain Water Harvesting Tank, Gangbill, Konsha Burdwan	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 6,000 m ² , 3 MT	March,2019	Reported to be satisfactory
103.	Bidar – Chincholi Road, Bidar, Karnataka	PWD, Karnataka	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 83,000 m ² , 41.5 MT	March,2019	Satisfactory

104.	Rain Water Harvesting Tank, Putka Birbhum	Agri- irrigation, Birbhum	Slope Stabilization of RWHT with 6.5 x 4.5- 500 gsm area covered – 11,520 m ² , 5.57 MT	March 2019	Satisfactory
105.	Slope Stabilization, Odish-a	NTPC, Dallipui, Jharsugarh, Odisha	Slope Stabilization of sloppy land, 6.5 x 4.5- 500 gsm area covered – 11,000 m ² , 5.5MT	March 2019	Satisfactory
106.	Rain Water Harvesting Tank, Burdwan – 5 tanks	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 25,000 m ² , 12.5 MT	March - April, 2019	Work executed successfully
107 -117	Rain Water Harvesting Tank, Birbhum	Agri- irrigation, Birbhum	Slope Stabilization of RWHT with 6.5 x 4.5- 500 gsm area covered – 22,00m ² , 11MT	April 2019	Performance satisfactory
118-152	Rain Water Harvesting Tank, Mayrakhyi Command Area Development Authority	Agri- irrigation, Birbhum	Slope Stabilization of RWHT with 6.5 x 4.5- 500 gsm area covered –38,000 m ² , 19 MT	April 2019	Satisfactory
153	Slope stabilization of River Jammu, J & K	Jayprakash Hydro Electric Power Project Jammu	Slope stabilization with Open weave JGT- 7 x 7 - 730 g/m ² Area covered : 15,000 m ² , 12 MT	April 2019	Satisfactory
154	Rishikesh	PWD	Slope stabilization with Open weave JGT- 6.5 x 4.5- 500 gsm Area covered – 3,000 m ² , 1.5 MT	2019	Slope stabilized
155	Aizwal, Mizoram	Labong, Mizoram PWD, Bangladesh Border Road	Slope stabilization with Open weave JGT- 6.5 x 4.5- 500 gsm Area covered – 17,000 m ² , 8.5 MT	2019	Slope stabilized
156	Rain Water Harvesting Tank, Rajkushum, Panagar, Burdwan	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 10,000 m ² , 5.0 MT	April, 2019	Slope stabilized

157	Rain Water Harvesting Tank,	Agri- irrigation, Murshidabad	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 3,000 m ² 1.5 MT	April,2019	Satisfactory
158	WB, NH-34	NH 34 , Dalkhola, Malda	Slope stabilization with Open weave JGT- 6.5 x 4.5- 500 gsm Area covered – 15,000 m ² ,7.5 MT	2019	Satisfactory.
159	UP	Varuna River (river side), Varanasi	Slope stabilization with Open weave JGT- 6.5x4.5-500 g/m ² Area covered : 37,000m ² , 18.5 MT	2019	Slope stabilized , covered with vegetation
160	Rain Water Harvesting Tank,	Agri- irrigation, Medinipur	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 30,000 m ² 115 MT	April,2019	Reported to be satisfactory
161	Rain Water Harvesting Tank,	Agri- irrigation, Murshidabad	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 3,000 m ² 1.5 MT	April,2019	Reported to be satisfactory
162	Rain Water Harvesting Tank,	Agri- irrigation, Burdwan	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 50,000 m ² 25 MT	April,2019	satisfactory
163	Rain Water Harvesting Tank,	Agri- irrigation, Medinipur	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 30,000 m ² 15 MT	April,2019	satisfactory
164	Rain Water Harvesting Tank,	Agri- irrigation, Birbhum	Slope Stabilization of pond with 12 x 12- 292 gsm Initial area covered – 50,000 m ² , 14.6 MT	May, 2019	satisfactory
165	Canal Bank Protection,	Beleghata, Chingrihata Kolkata	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 3,000 m ² 1.5 MT	May,2019	satisfactory

166	Aila Embankment	Namkhan, IW	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 12,000 m ² 6 MT	May, 2019	satisfactory
167	Rain Water Harvesting Tank, Seuri, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 5,000 m ² , 2.5 MT	2019	satisfactory
168 -201	Rain Water Harvesting Tank, Seuri, Birbhum 34 projects- Ref EE Amitava Roy	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 55,000 m ² , 27.5 MT	2019	satisfactory
202	Rain Water Harvesting Tank, Purulia- 24 projects	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 26,130 m ² , 13.1MT	2019	satisfactory
203	Panjab	Delhi Chandigarh High Way, near Ghusarpur	Slope stabilization with Open weave JGT- 7 x 7- 730 gsm g/m ² Area covered : 686 m ² , 0.5 MT	2019	satisfactory
204	Rain Water Harvesting Tank,	Agri- irrigation, Birbhum	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 1,20,000 m ² 60 MT	June,2019	satisfactory
205	Rain Water Harvesting Tank,	Agri- irrigation, Medinipur	Slope Stabilization of pond with 12 x 12-292 gsm Initial area covered – 14,000 m ² 4 MT	August,2019	satisfactory
206	Rain Water Harvesting Tank,	Agri- irrigation, Medinipur	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 10,000 m ² 5MT	August,2019	Reported to be satisfactory
207	Rain Water Harvesting Tank, Seuri, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 11,000 m ² , 5.5 MT	2019	Reported to be satisfactory

208	Rain Water Harvesting Tank, Seuri, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 7,000 m ² , 3.5 MT	2019	Reported to be satisfactory
209	Rain Water Harvesting Tank, Seuri, Birbhum	Agri- Irrigation, Birbhum	Slope Stabilization of Tank, 6.5 x 4.5- 500 gsm Initial area covered – 4,000 m ² , 2.0 MT	2019	satisfactory
210	Rain Water Harvesting Tank, 24 Pgs S	GBDA, Gangasagar.	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 9,000 m ² 60 MT	2019	satisfactory
211	Slope of road embankmet S 24 Pgs	GBDA, Gangasagar.	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 5,000 m ² 2.5 MT	2019	satisfactory
212-237	Rain Water Harvesting Tank, Purulia- 26 projects	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 60,000 m ² , 30.0MT	2019	satisfactory
238	Rain Water Harvesting Tank, Bankura- 30 projects	Agri- Irrigation, Bankura	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 30,000 m ² , 15.0MT	2019	satisfactory
239	Tripura	N F Railwy	Slope Stabilization of Rly Embankment12 x 12- 292 gsm Area covered – 18,072 m ² , 5.3MT	2019	satisfactory
240	Arunacal Pradesh	N F Railwy	Slope Stabilization of Rly Embankment6.5 x 4.5- 500 gsm Area covered – 22110 m ² , 11.146MT	2019	satisfactory
241	Arunacal Pradesh	N F Railwy	Slope Stabilization of Rly Embankment6.5 x 4.5- 500 gsm Area covered – 18090 m ² , 9.01 MT	2019	satisfactory

242	Bhadrak	Odisha	Slope Stabilization of Road Embankment 6.5 x 4.5- 500 gsm Area covered – 5,500 m ² , 2.6 MT	2019	satisfactory
243	Arunachal Pradesh	N F Railway	Slope Stabilization of Rly Embankment 6.5 x 4.5- 500 gsm Area covered – 18,072 m ² , 9.01MT	2019	satisfactory
244	Purulia	Agri-irrig, Purulia	Slope Stabilization of Slope 6.5 x 4.5- 500 gsm Area covered – 26,130 m ² , 13.05 MT	2019	satisfactory
245	Purulia	Agri- Irrig, Purulia	Slope Stabilization of Rly Slope 6.5 x 4.5- 500 gsm 42,210 m ² , 21..05MT	2020	satisfactory
246	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 2,000 m ² , 1.0MT	2020	satisfactory
247	Rain Water Harvesting Tank,	Agri- irrigation, Medinipur	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Area covered – 3,000 m ² , 1.5MT	January 2020	satisfactory
248-277	Rain Water Harvesting Tank- 27 projects	Agri- irrigation, Purulia	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Area covered – 48,910 m ² , 24.46MT	January 2020	satisfactory
278	Rain Water Harvesting Tank-	Agri- irrigation, Birbhum	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Area covered – 3350 m ² , 1.6.46MT	February 2020	satisfactory
279	Rain Water Harvesting Tank, Bolpur	Agri- irrigation, Birbhum	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Area covered – 6,030 m ² , 3.0.46MT	February, 2020	satisfactory

280	Karnataka NH	NH , Bider, Karnata	Slope stabilization with Open weave JGT- 6.5 x 4.5- 500 gsm Area covered – 64,000 m ² ,32.0 MT	2020	satisfactory
281	Rain Water Harvesting Tank, Bolpur	Agri- Irrigation, Birbhum	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 6,030 m ² , 2.15MT	2020	satisfactory
282	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 3,000 m ² , 1.5MT	2020	satisfactory
283	Aila Flood Embankment	Namkhana, IW	Slope Stabilization of pond with 6.5 x 4.5- 500 gsm Initial area covered – 47,000 m ² 23.5 MT	March,20 20	satisfactory
284	WB	Rampurhat Municipality, Slope of Pond at Gandhi Park	Slope stabilization with Open weave-122 cm wide JGT-500 gsm (6.5 x 4.5) Area covered –7,000 m ² 3.5 MT Vetiver plantation 19 saplings / m ²	March 2020	satisfactory
285	MP	Sagar, 160 km away from Bhopal. Cheese cutting stabilization of hills.	Slope stabilization with Open weave-122 cm wide JGT-292 gsm (12 x 12) Area covered –10,000 m ² MT	April 2020	satisfactory
286	Nagaland	Phutshulu, NHAI (20 km from Kohima)	Slope stabilization with Open weave-122 cm wide JGT-500 gsm (6.5 x 4.5) Area covered –3,10,000 m ² 9.01 MT Vetiver plantation 19 saplings / m ²	August, 2020	satisfactory
287	Himachal Pradesh	Panji, HP, BRO,	Slope stabilization with Open weave JGT- 7 x 7- 730 gsm Area covered – 10,000 m ² 7.3 MT	Sept. 2020	satisfactory
288	Odisha	EC Rly	Slope stabilization with Open weave JGT-500 gsm Area covered –20,000 m ² 10 MT	Oct. 2020	satisfactory
289	Rishikesh	PWD, Uttarakhand,	Slope stabilization with Open weave JGT- 6.5 x 4.5- 500 gsm Area covered – 13,400 m ² 6.7 MT	Sept. 2020	satisfactory

290	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 2,680 m ² , 1.34 MT	2020	satisfactory
291	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 2,680 m ² , 1.34 MT	2020	satisfactory
292	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 670 m ² , 0.34 MT	2020	satisfactory
293	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 8,988 m ² , 4.5 MT	2020	satisfactory
294	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 12 x12-292 gsm Initial area covered – 3360 m ² , 0.98 MT	2020	satisfactory
295	Shimla	PWD, Himachal Pradesh	Slope Stabilization of Slope, 7 x 7- 730 gsm Initial area covered – 10,000 m ² , 7.3 MT	2020	satisfactory
296	Rain Water Harvesting Tank, Purulia	Agri- Irrigation, Purulia	Slope Stabilization of Slope, 6.5 x 4.5- 500 gsm Initial area covered – 920 m ² , 0.5 MT	2020	satisfactory
297	Forestry, Tehri, HP	Forestry	Hill Slope Protection, 6.5 x 4.5- 500 gsm OW JGT, 28,810 m ² , 14.41MT	2020	satisfactory
298	Tripura	PWD	Slope stabilization with Open weave JGT-500 gsm Area covered –2,500 m ² 1.5 MT	Jan, 2021	satisfactory
299	Rain Water harvesting Tank, WB	Agri-Irrg, Panagarh, Burdwan	Stabilization of Slope, 6.5 x 4.5- 500 gsm Area covered – 7,200 m ² , 3.6 MT	Feb, 2021	JGT Installed
300	Odisha	EC Rly	Slope stabilization with Open weave JGT-500 gsm Area covered –18,200 m ² 9.01 MT	March, 2021	JGT Installed

301	Nagaland	Phutshulu to Phek, Dist-Phek, NHAI (63 km from Kohima). A stretch of 40 km	Slope stabilization with Open weave-100 cm wide JGT-500 gsm Area covered –1,20,000 m ² 20 MT Vetiver plantation 19 saplings / m ²	April 2021	Slope stabilized
302	Nagaland	Phutshulu to Phek, Dist-Phek, NHAI (64 km from Kohima). A stretch of 40 km	Slope stabilization with Open weave-100 cm wide JGT-400 gsm (16 x 16 / dm-28 lbs yarn) Area covered –3,10,000 m ² 9.01 MT Vetiver plantation 19 saplings / m ²	April 2021	Slope stabilized
303	Nefa, Nepal	Nepal Power Company	Slope stabilization with Open weave JGT-6.5 x 4.5- 500 gsm Area covered – 15,000 m ² , 7.5 MT	August, 2021	Awaiting procurement of material
304	Maheli, Haryana	Forestry, Haryana	Hill Slope Protection, 6.5 x 4.5- 500 gsm OW JGT, 2,844 m ² , 1.42 MT	August, 2021	Installation in progress

B.RAILWAYS(Control of track settlement and slope stabilization)- 83

SI No	Site/ Location	PIU	Particulars of work done	Year of application	Results
1.	Landing, Assam,	Chief Engineer, N.F. Rly.	Hill Slope protection on Railway Track Type of JGT used:-	1997	Hill slope is stabilized

			Open weave JGT- 6.5 x 4.5 – 500 g/m ² – Area covered: 4000 m ² ,2MT		
2.	Keonjhar, S. E. Railway, Orissa	South Eastern Railway	Railway slope Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 4000 m ² ,2MT	1998	Slope is in perfect shape.
3.	Jammu Tawai Link, Jammu & Kashmir	Northern Railway.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 15000 m ² , 7.5MT	2000	Slope is in perfect shape.
4.	Madhusudunpur (E.R) West Bengal	Howrah Divn. Eastern Railway	Control of Track subsidence JGTs used:- 102x39 -760 /m ² , (bituminized) – 6,000 m ² ,4.56MT, 1000 gsm Area covered Non woven– 6,000 m ² ,6MT& 500 gsm Area covered OW- 6000 m ² , 3MT	2001	No subsidence occurred till date. Settlement level reduced from 70 mm to 13 mm
5.	Shibaichandi ,Howrah-Burdwan chord line(E.R) West Bengal	Howrah Divn. Eastern Railway	Control of Track subsidence JGTs used:-Woven 760 gsm-treated 25kN– 18,920 m ² 1000 gsm Non woven – 18,920 m ² & OW 500 g/m ² – 15,000 m ² , 7.5MT	2008	No subsidence occurred till date being monitored.
6.	Baltikuri – Dankuni-Ballyghat (E R) Howrah, WB	Howrah Div. Eastern railway	Control of track settlement JGTs used:- Woven treated 760gsm-8745sq.m, Nonwoven 1000 gsm -8745 sq.m & OW-6.5x4.5 – 500 gsm – 17,000 sq.m , 8.5MT	2013	Out of 1.5 km 600 m completed in eceember.2013. Track is in good shape
7.	Thingon Rly Alingment, Manipur	N F Railways	Erosion control of railway embankment and stabilization of down hill slope, 7 x 7, 730 gsm Area covered OW JGT- 80,000sqm , 58.4MT	2014	slope is stabilized
8.	Bishramgarh-Agartala Sabroom Project, Tripura	N F Rly	Slope stabilization of Cutting on either side of track and 6.5 x 4.5, 500 gsm Area covered OW JGT- 40,000sqm out of 10 lac sq.m , 20MT	2015	slope is stabilized
9.	Imphal Manipur	N F Rly	Slope stabilization of Cutting on either side of track and 6.5 x 4.5, 500 gsm Area covered OW JGT- 30,000sqm , 15MT	2015	slope stabilized
10.	Mulkhang block,Kolaship, Aizawl Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm Area covered OW JGT- 80,000sqm ,40MT	2016	slope stabilized
11.	Thingon 2 nd site, Monipur	N F Rly.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 45,000 m ² ,22.5MT	2016	slope stabilized

12.	Jorabang to Monipur 1 st site	N F Rly.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 38,500 m ² , 19.25MT	2016	slope stabilized
13.	Jorabang to Monipur 2 nd site	N F Rly.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 28,000 m ² , 14MT	2016	slope stabilized
14.	Jorabang to Monipur 3 rd site	N F Rly.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 47,000 m ² , 23.5MT	2016	slope stabilized
15.	Jorabang to Monipur 4 th site	N F Rly.	Railway Slope protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 22,000 m ² , 11MT	2016	slope stabilized
16.	Mulkhang block, Kolaship, Aizawl, Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm OW JGT- 25,000sqm + 46.000 sq.m, 35.3 MT	2017	Vegetation established and slope stabilised
17.	Bilonia to Jolaibari, Tripura	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 25,000 m ² , 12.5 MT	2017	Slope is in perfect shape.
18.	Bilonia to Julaibari, 1 st site, Tripura	NF Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5 - 500 g/m ² Area covered:-1,62,000 m ² , 81.0 MT	2017	slope stabilized
19.	Bilonia to Julaibari, 2 nd site, Tripura	NF Railway	Railway slope / cuttings Protection, OW JGT-6.5 x 4.5 - 500g/m ² , Area covered:-60,000 m ² , 30 MT	2017	slope stabilized
20.	Bilonia to Julaibari, 3 rd site, Tripura	NF Railway	Railway slope / cuttings Protection OW JGT- 12 x 12 - 292 g/m ² Area covered:-90,000 m ² , 26.28 MT	2017	slope stabilized
21.	Nagal to Bhakra Dam, Panjab	N Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² –18,000 m ² , 9 MT 7 x 7 – 730 g/m ² :– 18,000 m ² , 13.14 MT	2017	slope stabilized
22.	Udaypur 1 st site, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² –26,000 m ² , 13 MT	2017	slope stabilized
23.	Markham 1 st	N F Railway	Railway slope / cuttings	2017	slope stabilized

	site, Kohima		Protection OW JGT- 7 x 7-730g/m ² –39,000 m ² , 28.47 MT		
24.	Markham 2 nd site, Kohima	N F Railway	Railway slope / cuttings Protection OW JGT- 7 x 7- 730g/m ² – 62,000 m ² , 45.26 MT	2017	slope stabilized
25.	New Jalpaiguri Section Haldibari to Silahati (B'desh)	N F Rly	Slope stabilization of Embankment on either side of track and 6.5 x 4.5, 500 gsm Area covered OW JGT- 21,210 sqm , 10.61MT	2017	Slope Stabilized
26.	Tripura Near Itanagar	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 26,000 m ² ,18.8 MT	January, 2018	slope stabilized
27.	Udaypur 2 nd site, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² –21,000 m ² , 10.5 MT	March 2018	slope stabilized
28.	Udaypur 3 rd site, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² – 63,000 m ² , 31.5 MT	March 2018	slope stabilized
29.	Bishramganj, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² –38,500 m ² , 19.25 MT	April 2018	slope stabilized
30.	Shantirbazar, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500g/m ² – 21,000 m ² , 10.5 MT	April 2018	slope stabilized
31.	Gargi, Tripura	N F Railway	Railway slope / cuttings Protection OW JGT- 6.5 x 4.5-500 g/m ² –40,000 m ² , 20 MT	April 2018	slope stabilized
32.	Assam/ Arunachal Border	N F Railway	Railway slope of filling & cuttings OW JGT- 7 x 7 - 730 g/m ² –30,000 m ² , 22 MT	July 2018	slope stabilized
33.	Sabroom to Agartala, Tripura	N F Railway	Railway slope of filling & cutting- 30 km, OW JGT- 7 x 7 - 730 g/m ² –3,30,000 m ² , 240.9 MT	July 2018	slope stabilized
34.	Aizawl, Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm OW JGT- 2,60,000 sq.m, 130 MT	August,2018	Vegetation established and slope stabilized
35.	Arunachal Pradesh, Near Itanagar	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 40,000 m ² ,20 MT	August, 2018	slope stabilized
36.	Arunachal Pradesh, Near Itanagar,	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 36,000 m ² ,17.5 MT	August, 2018	slope stabilized
37.	Near J P	East Central	Slope protection	Sept, 2018	Vegetation

	Bridge, Patna	Railway	Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 2,00,000 m ² ,100 MT		established and slope stabilized
38.	Jhasugau Odisha	E C Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 10,000 m ² ,5.0 MT	November, 2018	slope stabilized
39.	Bhadui, bridge no-122, Varanasi UP	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 5,000 m ² ,2.5 MT	December, 2018	slope stabilized
40.	Tripura	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 17,700 m ² ,8.9 MT	January, 2019	slope stabilized
41.	Arunachal Pradesh, Near Itanagar	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 20,000 m ² ,10.0 MT	January, 2019	slope stabilized
42.	Bhadrak, Odisha	E C Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 20,000 m ² ,10 MT	January, 2019	slope stabilized
43.	Sabrumg to Manu Tripura	N F Railway	Railway slope / cuttings Protection for 10 km OW JGT- 6.5 x 4.5-500 g/m ² –30.790 m ² , 15.40MT	January, 2019	slope stabilized
44.	Arunachal Pradesh, Near Itanagar	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 98,000 m ² ,49.0 MT	January, 2019	slope stabilized
45.	Silchar, Assam	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 1,40,000 m ² ,70 MT	February, 2019	slope stabilized
46.	Bhadui, 2nd site Varanasi UP	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 3,000 m ² ,1.5 MT	February, 2019	slope stabilized
47.	Bilonia to Jolaibari, Tripura	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized
48.	Tripura	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 71,000 m ² ,35.5 MT	March, 2019	slope stabilized
49.	Agartala Tripura.	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized

50.	Bilonia to Jolaibari Phase 1, Tripura.	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized
51.	Bilonia to Jolaibar Phase 2, Tripura.	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized
52.	Bilonia to Jolaibari Phase 3, Tripura.	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized
53.	Bilonia to Jolaibari Phase 4, Tripura.	NF Railway	Railway slope / cuttings Protection Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 87,000 m ² , 43.5 MT	March,2019	slope stabilized
54.	Sabrumg to Manu, Tripura	N F Railway	Railway slope / cuttings Protection for 10 km OW JGT- 6.5 x 4.5-500 g/m ² -30,790 m ² , 15.40MT	April 2019	slope stabilized
55.	Itanagar, Arunachal Pradesh	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 82,000 m ² , 41 MT	April, 2019	slope stabilized
56.	Udaipur, Tripura	N F Railway	Type of JGT used:- Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 15,000 m ² , 7.5 MT	April, 2019	slope stabilized
57.	Thingon Rly Alingment, Manipur	N F Railways	Erosion control of railway embankment and stabilization of down hill slope, 6.5 x 4.5, 500 gsm Area covered OW JGT- 96,000sqm , 48.0MT	2019	slope stabilized
58.	Silchar, Assam	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 8,000 m ² , 4 MT	May, 2019	slope stabilized
59.	Balashore, Odisha	E C Rly	Slope protection Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 20,000 m ² , 10 MT	May, 2019	slope stabilized
60.	Lumding, Assam	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 - 500 g/m ² Area covered:- 15,000 m ² , 7.5 MT	May, 2019	slope stabilized
61.	Udaypur Tripura	N F Rly	Slope protection Open weave JGT-	May, 2019	slope stabilized

			12x 12 292 g/m ² Area covered:- 15,000 m ² ,4.38 MT		
62.	Prayag, Allahabad, UP	N Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 1,00,000 m ² ,50.0 MT	June,2019	slope stabilized
63.	Nagpur, Maharashtra	SEC Rly	Slope protection Open weave JGT- 12 x 12 – 292 g/m ² Area covered:- 2,00,000 m ² ,58.4 MT	Enquired in July 2019	
64.	Silchar, Assam	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 34,000 m ² ,17 MT	October, 2019	slope stabilized
65.	Aizawl Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm OW JGT- 70,000 sq.m, 35 MT	October,201 9	slope stabilized
66.	Silchar, Assam	N F Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 90,000 m ² ,45 MT	November, 2019	slope stabilized
67.	Udaypur, Tripura	N F Rly	Slope protection Open weave JGT-500 g/m ² Area covered:- 21,000 m ² ,10.5 MT	December, 2019	slope stabilized
68.	Jorhat, Assam	N F Rly	Slope protection Open weave JGT-500 g/m ² Area covered:- 12,000 m ² ,6.0 MT	December, 2019	slope stabilized
69.	Mulkhang block,Kolaship, Aizawl, Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm Area covered OW JGT- 18,000sqm ,9MT	Jan 2020	slope stabilized
70.	Udaypur, Tripura	N F Rly	Slope protection Open weave JGT-500 g/m ² Area covered:- 48,000 m ² ,24 MT	Jan 2020	slope stabilized
71.	Goa	W C Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 40,000 m ² ,20 MT and 730 g/m ² , 30,000 m ²	February 2020	
72.	Mulkhang block, Kolaship, Aizawl Mizoram	N F Rly	Slope stabilization of Cutting and filling on either side of track and 6.5 x 4.5, 500 gsm OW JGT- 52,000 sqm 36.0 MT	March 2020	Vegetation established and slope stabilised
73.	Naine M.P	Central Railways	Slope protection Open weave JGT 100000 Sqm	August 2020	Satisfactory
74.	Bridge Approach, Kosi River Bihar	E Central Rly	Slope stabilization of bridge approach over Kosiriver,6.5 x 4.5, 500 gsm OW JGT- 43,000 sqm 22.5 MT	Sept 2020	
75.	Bihar, EC Rly	E C Rly	Slope protection Open weave JGT- 7 x 7 - 730 g/m ² Area covered:- 9,954.4 m ² ,7.27 MT	Oct.2020	
76.	Bihar, EC Rly	E C Rly	Slope protection	Oct.2020	

			Open weave JGT- 7 x 7 - 730 g/m ² Area covered:- 9,954.4 m ² ,7.33 MT		
77.	Tripura, N F Rly	N F Rly	Slope stabilization ,6.5 x 4.5, 500 gsm OW JGT- 22,000 sqm 11 MT	Nov,2020	
78.	Balaghat and Mandla, M.P	Cent. Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 80000 m ² 40MT	Dec. 2020	
79.	Aizawal	N F Rly	Slope stabilization ,6.5 x 4.5, 500 gsm OW JGT- 15,060 sqm 7.5 MT	January,2021	Supplied by Innovation Solution by JCI
80.	Adra, Purulia West Bengal	S E Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 9,300 m ² ,4.52 MT	March 2021	Supplied by Ludlow
81.	Bihar	E C Rly	Slope protection Open weave JGT- 6.5 x 4.5- 500 g/m ² Area covered:- 10,291 m ² ,5.15 MT	March 2021	Supply by JCI from Eskay International
82.	_____	Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 18.072 m ² ,9.01 MT	March 2021	Supplied by JCI to Gabion
83.	Nainpur Rly station, Dist.- Mandla, MP	Cent. Rly	Slope protection Open weave JGT- 6.5 x 4.5 – 500 g/m ² Area covered:- 100000 m ² 50MT	March 2021	Reported to be Satisfactory

C. RIVER / CANAL BANK PROTECTION WORK (Irrigation & Waterways Department, KoPT etc.)- 165

SI No	Site	PIU	Particulars of work done	Year of application	Results
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1	Nayachar (on river Hooghly),	Calcutta Port Trust, West Bengal	River Bank Protection Type of JGT used: DWT 8x12-800 gsm, treated with rot resistant chemicals & bitumen- Area covered: 33,000m ² ,26.4MT	1989	Bank is still in good shape.
2	Padma Hasanpur, Murshidabad	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10-760 g/m ² , treated with rot resistant chemicals & bitumen – Area covered: 1000 m ² ,0.76MT	1995	Better than granular filter in terms of performance and cheaper in cost.
3	Phulahar, Ramayanpur, Maldah,	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x12-800 g/m ² , treated with rot resistant chemicals & bitumen – Area covered: 10,000 m ² ,8MT	1996	Better than granular filter in terms of performance and cheaper in cost.
4	PhulaharValuka, Maldah,	I/W West Bengal	Erosion Control of flood embankment Type of JGT used 6.5 x 4.5 - 500 g/m ² - – Area covered: 1000 m ² ,0.5MT	1996	Stabilized and no sign of erosion observed
5	Hooghly, Kulpi, Kedarpur, Sunderban,	Sunderban Dev Board, West Bengal	Protection of Jetty Type of JGT used DWT 8x12-800 g/m ² , treated with rot resistant chemicals & bitumen – Area covered: 500 m ² ,0.4MT	1996	Stabilized and no sign of erosion observed
6	Majuli Island, Bramhaputra Assam,	SDO, Majuli & AVARD (NE) Assam	River Bank Protection Type of JGT used DWT 8x12-800 g/m ² , treated with rot resistant chemicals & bitumen – Area covered: 500 m ² , 0.4MT	1997	Bank is still in good shape and erosion checked.
7	Una; Himachal Pradesh.	Irrigation & Public Health Deptt., Govt. of Himachal Pradesh.	River Bank Protection Type of JGT used DWT 8x12 -700 g/m ² Area covered: – 500 m ² , 0.35MT	1997	Highly encouraging performance.

8	Hooghly Barrackpore, 24-Pgs(N),	I/W West Bengal	River Bank Protection bathing ghat stabilization Type of JGT used DWT 8x12-800 g/m ² , treated with rot resistant chemicals & bitumen – Area covered: 500 m ² , 0.4MT	1997	Bank is still in good shape.
9	Canal, TeestaJalpaiguri, Teesta Barrage	Teesta Barrage Project, Govt. of West Bengal	Protection of Canal Bank Type of JGT used DWT 8x12 -700 g/m ² Area covered:- 30,000 m ² , 21MT	1997	A portion damaged due to steep slope.
10	Ganga Murshidabad.	Anti-Erosion Division, I&WD Murshidabad Govt. of West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: – 9,000 m ² ,6.84MT	1998	Reported to beSatisfactory
11	Mahananda. Embankment Division., Maldah, WB.	I & W Maldah Flood Embankment Division.West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: – 2,000 m ² ,1.52MT	1998	Satisfactory.
12	Balurghat Irrigation embankment.	I /W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , rot resistant Area covered:- 15,000 m ² ,11.4MT	1999	Bank is in good shape and no sign of erosion is noticed
13	Mahananda. Embankment	I /W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: – 2,000 m ² , 1.52MT	1999	Satisfactory
14	Contai Irrigation Division Govt. of West Bengal	I/W , West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² (treated) Area covered:- 40,000 m ² , 30.4MT	2001	Satisfactory

15	Kulik, Raigunj	I/W West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² Area covered:– 35,000 m ² , 26.6MT	2001	Satisfactory
16	Atrei, Balurghat	I/W West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² Area covered:– 14,300 m ² , 10.86MT	2001	Satisfactory
17	Nagar, Balurghat	I/W West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² Area covered:– 35,000 m ² ,26.6MT	2001	Satisfactory
18	Atrei, South Dinajpur	I/W West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² Area covered:– 25,000 m ² , 1.9MT	2001	Satisfactory
19	Punarbhaba, South Dinajpur.	I/W West Bengal	River Bank Protection Type of JGT used 102x39 – 760 g/m ² Area covered:– 25,000 m ² , 19MT	2001	Satisfactory
20	Mahanada, Balurghat	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered:– 11,000 m ² ,8.36MT	2001	Satisfactory
21	River Devi, Jagatsingpur,	Water Resouce Dept., Orissa.	River Bank Protection (Flood embankment) Type of JGT used Open weave JGT 6.5 x 4.5 – 500 g/ m ² Area covered: 30,000 m ² , 15MT	2002	Very good shape. Vegetation started.

22	River Devi, Bhubaneswar	Water Resource Dept, Orissa	River Bank Protection (Flood embankment) Type of JGT used Open weave JGT 6.5 x 4.5 – 500 g/ m ² Area covered: 30,000 m ² , 15MT	2002	Very good shape. Vegetation established
23	Phulahar, Panchanandapur, Malda	I/W West Bengal	River Bank Protection Type of JGT used DWT 102x39 – 760 g/m ² , treated with rot resistance chemical & bitumen – Area covered: 20,300 m ² , 15.42MT	2002	Satisfactory.
24	Phulahar, Sankaritola, River Malda	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 28,750 m ² , 21.85MT	2003	Bank is still in good shape.
25	Sankaritola, River Phulahar, Malda	I/ W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated – Area covered: 7,200 m ² , 5.47MT	2004	Bank is still in good shape.
26	Narmada Main Canal	Sardar Sarobar Narmada Nigam Ltd. Govt. of Gujarat	Canal Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated – Area covered: 5,000 m ² , 3.8MT	2005	Bank is still in good shape and erosion checked..
27	Narmada Main Canal Embankment,	Sardar Sarobar Narmada Nigam Ltd. Govt. of Gujrat	Canal Bank Stabilization Type of JGT used Open weave JGT 7 x 7 – 730 g/m ² - Area covered : 5,000 m ² , 3.65MT	2007	Bank is still in good shape and erosion checked..
28	River Phulahar, Beside Sankaritola Malda	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 18,000 m ² , 13.68MT	2007	Bank is still in good shape.

29	River Hooghly	I/W West Bengal	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 54,000 m ² , 64.8MT	2008	Satisfactory
30	Chakrplaskar, DimondHarbour	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 4,428 m ² , 3.36MT	2009	Bank stabilized. No sign or erosion
31	Roytala, DimondHarbour	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 2,200 m ² , 1.67MT	2009	Bank stabilized. No sign of erosion
32	Ratneswarpur, DimondHarbour	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 1,991 m ² , 1.51MT	2009	Bank stabilized. No sign or erosion
33	Katiberia, DimondHarbour	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 2,500 m ² , 1.9MT	2009	Bank stabilized. No sign or erosion
34	MouzaHaripura near GhoshKhal sluice, Kakdwip	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 4,085 m ² , 3.10MT	2009	Bank stabilized. No sign or erosion
35	Sitarampur, Patharpratima, Kakdwip	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 6,000 m ² , 4.56MT	2009	Bank stabilized. No sign or erosion

36	Basanti, Joynagar	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 4,000 m ² , 3.04MT	2009	Bank stabilized. No sign or erosion
37	Kultali, Joynagar	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 6,000 m ² , 4.56MT	2009	Bank stabilized. No sign or erosion
38	Vidya, Gosaba, Joynagar	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen treated 16000 m ² , 12.2 MT	2009	Bank stabilized. No sign or erosion
39	Hingalganj, Basirhat	I / W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 4,000 m ² , 3.04MT	2009	Bank stabilized. No sign or erosion
40	Charalkhali, Basirhat	I/W West Bengal	River Bank Protection Type of JGT used DWT 8x10 – 760 g/m ² , bitumen coated Area covered: 6,700 m ² , 5.09MT	2009	Bank stabilized. No sign or erosion
41	Nischintapur bank at Kulpi Reach of river Hoogly	Kolkata Port Trust West Bengal	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 84,000 m ² , 100.8MT	2009	Bank stabilized.
42	Ghoramara Island, Kulpi Reach of river Hoogly	Kolkata Port Trust West Bengal	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 84,000 m ² , 100.8MT	2009	Satisfactory
43	Bhaluka Bazar right bank of river Fulahar, Malda	Mahananda Embankment Divn., I / W, Malda West	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 14.500 m ² , 17.4MT	2011	Bank Stabilized

		Bengal			
44	Battali, right bank of river Punarbhava, Malda	Malda Irrigation Divn, I & W D West Bengal	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 12.000 m ² , 14.4 MT	2011	Bank Stabilized
45	Uttarsurendragunj, right bank of river Jagaddal, Patharpratima, South 24 Pgs	Malda Irrigation Divn, I & W D West Bengal	River Bank Protection Type of JGT used 1200 gsm bitumen treated woven JGT Area covered: 20,000 m ² , 24MT	2011	Bank Stabilized
46	CoochBehar I / W Divn River Dharla, Sitalkuchi Block	Malda Irrigation Divn, I & W D West Bengal	River Bank Protection Type of JGT used DWT 102 x 39 – 760 g/m ² , bitumen treated Area covered: 10,000 m ² , 7.6MT	2012	Bank stabilized
47	CoochBehar I / W Divn River Kaljani, Tufanjanj Block	Malda Irrigation Divn, I & W D West Bengal	River Bank Protection JGT used- DWT 102 x 39 – 760 g/m ² , bitumen treated Area covered: 11,167 m ² , 8.49 MT	2012	Bank stabilized
48	Mahi River bank protection, vadodara, Gujrat	Riverine of Mahi river Gujrat	Inside slope protection of riverine, 7 x 7 OW JGT 730 gsm- 15000 m ² , 10.95MT	2013	Slope Stabilized and covered with vegetation
49	River Bhagiroti, Santipur, Nadia	I/W WB	River Bank Protection Type of JGT used: DWP 85 x 32 -627 gsm, rot resistant & water repellent – 17,000m ² , 10.65MT	May, 2013	Bank treated with eco-friendly JGT is in good shape. No sign of erosion observed
50	River Mahananda (Right bank), Siliguri	I/W WB	River Bank Protection Type of JGT used DWT 102 x 39 – 760 g/m ² , bitumen treated Area covered: 10,000 m ² , 7.6MT	February, 2014	Erosion Checked. Bank reported to be in stable condition

51	River Jagatdal, DakhinSurenDraganj 24 Parganas (S)	I/W WB	River Bank Protection Type of JGT used DWT 102 x 39 – 760 g/m ² , bitumen treated Area covered: 13,000 m ² ,9.88MT	January, 2015	Bank stabilized
52	River Mahananda (Right bank), Siliguri	I/W WB	River Bank Protection Type of JGT used DWT 102 x 39 – 760 g/m ² , bitumen treated Area covered: 6,800m ² ,5.16MT	February, 2015	Bank stabilized
53 – 67 (15 sites)	Rivers under JaynagarDivn	I/W WB	Aila affected country side bank protection with 500 gsm OW JGT 3,30,000, 165.0 MT	November 2015	Bank stabilized
68-92 (25 sites)	Rivers under KakdwipDivn	I/W WB	Aila affected country side bank protection with 500 gsm OW JGT, 5,25,000 m ² , 262.5 MT	November 2015	Bank stabilized
93-105 (13 sites)	Rivers under BasirhatDivn	I / W WB	Aila affected country side bank protection with 500 gsm OW JGT 2,99,000 m ² , 149.5 MT	November 2015	Bank stabilized
106	Canal (Khal) bank protection, Bagjola	I/W West Bengal	Canal side slope protection of canal bank with 500 gsm OW JGT 7000m ² , 3.5 MT	January, 2016	Performance highly satisfactory
107	Canal bank protection	PWD, Govt., of Manipur	Eroded bank of Kangla Fort outer moat at Imphal treated with 627 gsm woven treated JGT- 2500 sq.m,1.56MT	February,2016	Erosion checked
108	River under JayanagarDivn	I/W WB	Aila affected country side bank protection with 500 gsm OW JGT – 10,000 sq.m ,5MT	November 2016	Bank stabilized
109	Teesta Escape Chanel, Siliguri	I/W WB	Bank protection of chanel with 22,000 new jute bags of 3' x 4.5 ' , 1709g/bag, 643gsm,37.6 MT	April 2017	Bank stabled.
110	Rivers at Basanti under Jaynagar I/W Divn. Divn	I / W WB	Aila affected country side bank protection with 500 gsm OW JGT – 34,000 sq.m,17MT	December, 2017	Slope stabilized

111	Varuna River Front Development, Varanasi	Water Resource Deptt., Govt. of UP	Varuna river bank country side protection with 500 gsm OW JGT – 27,000 sq.m ,13.5MT	January,2018	Slope stabilized
112	Rivers at Basanti under Jaynagar I/W Divn. Divn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT – 60,000 sq.m,30MT	January 2018	Slope stabilized, vegetation came up
113	River under JayanagarDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT – 72,000 sq.m, 36MT	February 2018	Slope stabilized
114	Rivers under KakdwipDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT, 3.18,000 m ² , 159 MT	April 2018	Bank stabilized.
115	Rivers under KakdwipDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT, 42,000 m ² , 21 MT	December 2018	Bank stabilized.
116	Rivers under BasirhatDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 72,000 m ² ,34 MT	January, 2019	Bank stabilized.
117	Canal, Durgapur Rajbandh, Burdwan	I /W WB	Canal bank protection with 500 gsm OW JGT 10,000 m ² ,5 MT	August 2019	Bank stabilized.
118	Rivers under , KakdweepDivn Aila	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 11,000 m ² , MT	August, 2019	Bank stabilized.
119	Canal, Durgapur Rajbandh, Bankura	I /W WB	Canal bank protection with 500 gsm OW JGT 16,000 m ² ,34 MT	August, 2019	Bank stabilized.
120	Canal, Chigrighata,EMbyepass, Kolkata	I /W WB	Canal bank protection with 500 gsm OW JGT, 9,500 m ² , 4.75MT	August 2019	Bank stabilized.

121	Canal, Kestopur bridge, Kolkata	I /W WB	Canal bank protection with 500 gsm OW JGT, 500 m ² , 0.05MT	Sept 2019	Bank stabilized.
122	Canal, Natungram Bankura	I /W WB	Canal bank protection with 500 gsm OW JGT, 12,000 m ² , 6.0 MT	Sept 2019	Bank stabilized.
123	Canal, EM BypassDhaba ,EM , Kolkata	I /W WB	Canal bank protection with 500 gsm OW JGT, 9,000 m ² , 4.50MT	October 2019	Bank stabilized.
124	Medinipur	I /W WB	Bank protection with 500 gsm OW JGT, 15,000 m ² , 7.50MT	December 2019	Bank stabilized.
125	Low Dam Jamalpur, Burdwan	I /W WB	Slope protection with 500 gsm OW JGT, 8,000 m ² , 4.00MT	December 2019	Slope stabilized.
126	Rivers under KakdwipDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT, 40,200 m ² , 20.01 MT	December 2019	slope stabilized
127	Rivers under BasirhatDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 62,000 m ² ,32 MT	March,2020	Slope stabilized
128-151	Rivers under BasirhatDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 3,45,000 m ² ,172.5 MT	October,2020	Slope stabilized
152-163	Rivers underJainagarDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 1,92,000 m ² ,96 MT	November,2020	slope stabilized
164	Rivers under kaktwiptDivn	I /W WB	Aila affected country side bank protection with 500 gsm OW JGT 17,000 m ² ,8.5 MT	January, 2021	slope stabilized

165	River bank erosion control, Netherlands	Waterways , Netherlands	Erosion control of river bank with 627 gsm woven JGT, 20,000 m ² , 12.54 MT	June 2021	Awaiting installation
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D. ROAD CONSTRUCTION- 252

Sl. No.	Site	PIU	Particulars of work done	Year of application	Result
1.	Kankinada, Port connecting road	Kankinada Municipality /CRR I & JNTU Andhra Pradesh	Pavement reconstruction (Unpaved) Type of JGT used DWT 8x10-760 g/m ² , rot resistant Area covered: – 25,000 m ² , 19MT	1996	Road was in very good shape even after 20 yrs. No damage occurred.
2.	Hanuman Setu	CRR I Delhi,	Filtration & drainage during construction of roads. Type of JGT used Nonwoven 500 g/m ² – – 1000 m ² . ,0.5MT	1996	Satisfactory
3.	Joshimath ; Malari Road,	CRR I & PWD of U.P. Govt`	Drainage and filtration of trench drain for roads. Type of JGT used Nonwoven JGT 500 g/m ² – 1000 m ² ., 0.5MT	1996	No damage of the treated stretch observed

4.	Okha Fly Over,	DDA ,Delhi,	Filtration & drainage during construction of roads. Type of JGT used Nonwoven 500 g/m ² – – 1000 m ² ., 0.5MT	1997	Satisfactory
5.	Kandla Port,	CRRI & Kandla Port Trust Gujrat,	Road Pavement Construction Type of JGT used DWT 102x39-760 g/m ² , rot resistant – 15,000 m ² , 11.4 MT	1997	No subsidence reported.
6.	Kandla Port Trust,	CRRI & Kandla Port Trust, Gujarat.	Road embankment construction Type of JGT used DWT 102x39-760 g/m ² , rot resistant – 15,000 m ² , 11.4MT	1998	Satisfactory
7.	Munsirhat-Rajput Rd, Howrah	P.W (Roads) Dte. Govt. of West Bengal.	Road Construction (widening) Type of JGT used DWT 102x39-760 g/m ² , rot resistant – 7,500 m ² , 5.7MT	1999	No distress observed even after 6 years.
8.	Garia Station Road, Alipore	Public Works Department. Govt. Of West Bengal	Wearing Course in Roads Type of JGT used 12 x 12 – 300 g/m ² – 10,000 m ² ,3MT.	1999	No pot holes and cracks developed even after 3 yrs of application of JGT.
9.	Kalyani,	PWD Construction Divn. No.VI, Govt. Of West Bengal	Wearing Course in Roads Type of JGT used 12 x 12 – 300 g/m ² – 3000 m ² . 0.9MT	1999	Satisfactory.
10.	Halipad Road, Jaigaon, Jalpai guri.	PWD, Govt. of West Bengal	Wearing Course in Roads Type of JGT used 46 x 32 – 248 g/m ² – 37,500 m ² ., 9.3MT	1999	No reflective crack reported.
11.	Andulia (Kalupukur More) to Boyratala, North 24 Parganas,	Panchyat & Rural Development Department, Govt. Of West Bengal	Road Construction Under PMGSY Total length of road- 3.50 km: Type of JGT used:-760g/m ² 20 kN/m-17,605 m ² ,	2005	Road in good shape, CBR increased by three times
12.	Toibachara to Shibpur, Nakashipara, Nadia	Panchyat & Rural Development Department, Govt. Of West Bengal	Road Construction Under PMGSY Total length of road- 8.4 km: Type of JGT used:-760g/m ² 20 kN/m-73,920 m ² , 56.2 MT	2005	BC Soil but performed well
13.	Jeliakhali	Panchyat	Road Construction Under PMGSY	2006	Road is in good

	(Bagdipara More) to Barmajur, Gazi khali Road North 24 Parganas	&Rural Development Department, Govt. Of West	Total length of road:-7.00 km Type of JGT used:- 760g/m ² 20 kN/m-35,210 m ²		shape, no sign of distress / deflection noticed in the JGT treated zone
14.	U T Road to Jorabari/Barna gaon, Darrang	Public Works Deptt., Govt. of Assam.	Road Construction under PMGSY Pilot Project Total length of road:- 4.60 KM. Type of JGT used 15 kN,643gsm-13370 m ² 30 kN,810gsm-3200 m ² 20 kN/,760gsm-6440 m ² 500 gsm O.W. 3430 m ² 760 gsm B.T-8350 m ² 500 gsm N.W.-12870 m ²	2007	Satisfactory
15.	Rampur Satra to Dumdumia. Nagaon – Assam,	Public Works Deptt., Govt. of Assam	Road Construction under PMGSY Pilot Project Total length of road:- 4.20 KM Type of JGT used 15 kN643 gsm-5800 m ² 30 kN810gsm-11400 m ² 20 kN760gs/m-2900 m ² O.W. 500 gsm 71900 m ² B.T-760 gsm, 11530 m ² N.W.-,500 gsm5880 m ²	2007	Road in good shape. CBR improved by three times
16.	Khairjhiti to Ghirghoisa Road, Kawardha,	Chattishgarh Rural Roads Development Agency, Govt. of Chhattishgarh	Road Construction under PMGSY Pilot Project Total length of road:- KM Type of JGT used 15 kN-6800 m ² 20 kN 6800 m ² 30 kN-10040 m ² B.T.760gsm – 3240 m ² O.W 500– 11240 m ²	2007	No distress observed
17.	Kodavabani to Khursi, Bilaspur,	Chattishgarh Rural Roads Development Agency, Govt. of Chhattishgarh	Road Construction under PMGSY Pilot Project Total length of road:- 4.80 KM Type of JGT used 15 kN-14910 m ² 20 kN 6430 m ² 30 kN-8930 m ² O.W – 18670 m ² N.W.-3000 m ²	2007	No distress observed
18.	Berasia to Semrakalan Approach Road, Bhopal,	M.P. Rural Roads Development Agency, Govt. of Madhya Pradesh	Road Construction under PMGSY Pilot Project Total length of road:- KM Type of JGT used 15 kN-16960 m ² 20 kN/m-3570 m ² 30 kN-10710 m ²	2007	Satisfactory. No sign of distress observed

			O.W – 10530 m ² N.W.-3570 m ²		
19.	Gehlwan Village to PMGSY Road, Raisen, ,	M.P. Rural Roads Development Agency, Govt. of Madhya Pradesh	Road Construction under PMGSY Pilot Project Total length of road:- 3.14 KM Type of JGT used 15 kN-9290 m ² 30 kN-6250 m ² O.W – 3260 m ² N.W.-3130 m ²	2007	Distress observed. Road constructed without any treatment of BC soil
20.	Jadupur to Mahanangal, Kendrapara,	Rural Works Deptt., Government of Orissa	Road Construction under PMGSY Pilot Project Total length of road:- 5.50 KM Type of JGT used 15 kN-14910 m ² 20 kN 6070 m ² 30 kN-11960m ² O.W – 24520 m ² N.W.-6750 m ²	2007	Highly satisfactory. No distress occurred
21.	MDR 14 to Chatumar, Jajpur	Rural Works Deptt., Government of Orissa.	Road Construction under PMGSY Pilot Project Total length of road:- 4.00 KM Type of JGT used 15 kN-4280 m ² 20 kN 21770 m ² 30kN-44200m ² N.W.-2140 m ²	2007	No distress noticed.
22.	Notuk to Dingal, West Midnapore,	P & RD, Govt. o WB	Road Construction under PMGSYPilot Project Total length of road:- 4.80 KM Type of JGT used:- 15 kN-3700 m ² 20 kN/m-3700 m ² 30 kN-3700 m ² B.T. -4620 m ² O.W. 24780 m ² N.W.-3880 m ²	2007	Satisfactory
23.	Agartala-Mohanpur-Chebri Road at Tripura	PMGSY Road, Tripura	200 m Road Construction Type of JGT used DWT 102x39-760 g/m ² , 825 m ²	2009	Excellent performance. Work
24.	Udal to Chakrabrahma , Dakhin Dinajpur	P & RD, Govt. o WB	Road Construction Under PMGSY Total length of road:-4.75 km Type of JGT used:- 25 kN/m, 724 gsm, 76,472 m ² , 55.36MT	2011	No sign of distress observed
25.	Nihinagar to Hazaratpur, Dakhin Dinajpur	P & RD, Govt. o WB	Road Construction Under PMGSY Total length of road:-7.9 km Type of JGT used:- 25 kN/m, 724 gsm, 45,980 m ² ,	2011	No sign of distress observed

			33.28MT		
26.	Panchbhaga to NH 60, Bankura Bye Pass	PWD, Govt. of WB	Reconstruction of road through resectioning and widening Total length of road:-4.5 km Type of JGT used:- 25 kN/m, 724 gsm, 30,000 m ² , 21.72MT	2011	No sign of distress observed
27.	Krishnabali to Saranjabari, Dakhin Dinajpur	P & RD, Govt. o WB	Road Construction Under PMGSY Total length of road:-6.15 km Type of JGT used:- 25 kN/m, 724 gsm, 59,530 m ² , 43.09MT	2011	No sign of distress observed
28.	Chengishpur to Durgapur, Dakhin Dinajpur	P & RD, Govt. o WB	Road Construction Under PMGSY Total length of road:-2.0 km Type of JGT used:- 25 kN/m, 724 gsm, 19,360 m ² , 14.01MT	2011	No sign of distress observed
29.	Rajarhat Test Track West Bengal	NJB	20 kN/m-627 gsm DWPlain weave-500 m ² 25 kN/m-724gsm DWPlain weave JGT-500 m ² , 0.36MT	2012	No sign of distress observed
30.	Pramodnagar to Mugachandra para, Agartala	TRRDA, PWD, Govt. of Tripura through NBCC	Road Construction Under PMGSY 6.99 km 94 x 39 DWP JGT 25 kN/m, 724 gsm, 26,000 m ² , 18.82MT	Sept,2012	No sign of distress observed
31.	Nihinagar to Hazaratpur, Dakhin Dinajpur	P & RD, Govt. o WB	Road Construction Under PMGSY Total length of road:-4.5 km Type of JGT used:- Ganges/ Samnagar north-18MT, 25 kN/m, 724 gsm, 24,860 m ² , 17.99MT	2012	No sign of distress observed
32.	Bedakumda-T-03, Bidar	KRRDA Karnataka	Road Construction Under PMGSY 2.38 km 25 kN/m, 724 gsm, 20980m ²	2013	No sign of distress observed
33.	Honnadi-Bagdai, Bidar	KRRDA Karnataka	Road Construction Under PMGSY 5.20 km 25 kN/m, 724 gsm, 42,016m ²	2013	No sign of distress observed
34.	Halgorta-T-10, Bidar	KRRDA Karnataka	Road Construction Under PMGSY 4.00 km 25 kN/m, 724 gsm, 35200m ²	2013	No sign of distress observed
35.	Bagdimarimul o Barada Nagar to Damkal kheyra Ghat, Mathurapur	WBSRDA Govt. o WB	25 kN/m, 724 gsm, 48,299 m ² , 34.96MT,	2013	No sign of distress observed
36.	V-Koracharahatti - T-10, Davanagere	KRRDA Karnataka	Road Construction Under PMGSY 4.02 km 25 kN/m, 724 gsm, 35376m ²	2013	No sign of distress observed
37.	Devarhospet-Gundur, Haveri	KRRDA Karnataka	Road Construction Under PMGSY 12.59 km 25 kN/m, 724 gsm, 110792m ²	2013	No sign of distress observed
38.	Kanksa to	WBSRDA,	Road Construction Under PMGSY	2013	No sign of

	Bati, Jiaganj Block 8.6 km road	Murshidabad Govt. of WB	8.02 km 94 x 39 DWP JGT 25 kN/m, 724 gsm, 44,176 m ² , 31.98MT		distress observed
39.	Raiganj-Karimganj to Buniadpur PWD Road	PWD, North Dinajpur, Raiganj	Rehabilitation of damaged 2 km road of 5.5 m wide 94 x 39 DWP JGT 25 kN/m, 724 gsm, 10,920 m ² , 7.90MT 7.5 kg/10m ² x2 tack coat both at top and below JGT -75 mm BM then 25mm Semi Dense BM	2013	No sign of pot holes and reflection cracks observed till date.
40.	NH-31D, Jhumur, Jalpaiguri, PWD Road, NH Divn., Jalpaiguri	PWD, NH Divn Jalpaiguri, WB	Rehabilitation of damaged 700 m road of 5.5 m wide 94 x 39 DWP JGT 25 kN/m, 724 gsm, 4,700 m ² , 3.40 MT for strengthening of sub-grade through re-sectioning	Application completed in June,2013	Excellent
41.	Hiremaganur to T-11 Haveri	KRRDA Karnataka	Road Construction Under PMGSY 3.35 km 25 kN/m, 724 gsm,33,000m ²	Completed in June 2013	No sign of distress observed
42.	Nandi Bevurutanda to T-01 Davanagere	KRRDA Karnataka	Road Construction Under PMGSY 3.17 km 25 kN/m, 724 gsm,27896m ²	Completed in Dec-2013	No sign of distress observed
43.	Honnapura to T-06 Davanagere	KRRDA Karnataka	Road Construction Under PMGSY 4.74 km 25 kN/m, 724 gsm,41712M ² ,41712m ²	Completed in June-2013	No sign of distress observed
44.	Saragondlu to T-05 Kolar (Chickballapur)	KRRDA Karnataka	Road Construction Under PMGSY 2.38 km 25 kN/m, 724 gsm, 20944m ²	Completed in Oct-2013	No sign of distress observed
45.	Thimmayagar ahalli to Approacch road (T-04) Kolar(Chickballapura)	KRRDA Karnataka	Road Construction Under PMGSY 1.86 km 25 kN/m, 724 gsm,16368m ²	December. 2013	No sign of distress observed
46.	Pasapaloddut o Approacch road (T-09) Kolar (Chickballapura)	KRRDA Karnataka	Road Construction Under PMGSY 1.14 km 25 kN/m, 724 gsm,10032m ²	Completed in Dec-2013	No sign of distress observed
47.	Devagondana katti- T-07, Haveri	KRRDA Karnataka	Road Construction Under PMGSY 2.98 km 25 kN/m, 724 gsm,26224m ² ,	2014	No sign of distress observed
48.	Chandapur- T-12, Haveri	KRRDA Karnataka	Road Construction Under PMGSY 6.75 km 25 kN/m, 724 gsm,59400m ²	2014	No sign of distress observed
49.	Taldi to Jharur More	PMGSY Canning 24 Parganas(S), WB	Road Construction Under PMGSY 1.5 km 25 kN/m, 724 gsm, 9,000 m ² , 6.51MT	Completed in October, 2014	No sign of distress observed

50.	Munsitanda to T-06 Gulbarga	KRRDA Karnataka	Road Construction Under PMGSY 3.88 km 25 kN/m, 724 gsm, 34,144m ²	Completed in Jan 2014	No sign of distress observed
51.	Bomraldoddi to T-06 Gulbarga	KRRDA Karnataka	Road Construction Under PMGSY 5.96 km 25 kN/m, 724 gsm, 52448m ²	Completed in Jan 2014	No sign of distress observed
52.	Ayatti to L-026 Dharwad	KRRDA Karnataka	Road Construction Under PMGSY 6.77 km 25 kN/m, 724 gsm, 59576m ²	Completed in 2014	No sign of distress observed
53.	Saidapur to T-03 Dharwad	KRRDA Karnataka	Road Construction Under PMGSY 5.96 km 25 kN/m, 724 gsm, 52448m ²	Completed in 2014	No sign of distress observed
54.	Lingarajnagar Sirsangi to T-05 via Basidoni Gorbhal Belgaum	KRRDA Karnataka	Road Construction Under PMGSY 7.25 km 25 kN/m, 724 gsm, 63800m ²	Completed in Jan-2014	No sign of distress observed
55.	Hiretadasi to T-03 Belgaum	KRRDA Karnataka	Road Construction Under PMGSY 6.40 km 25 kN/m, 724 gsm, 56320m ²	Completed in Jan-2014	No sign of distress observed
56.	Naralahalli to Bellavalahalli (T-01) Kolar (Chickballapur a)	KRRDA Karnataka	Road Construction Under PMGSY 2.26 km 25 kN/m, 724 gsm, 19888m ²	Completed in Mar-2014	No sign of distress observed
57.	Balpai-Jhalapara Rd, Sabaong, Paschim Medinipur	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.7 km 25 kN/m, 724 gsm, 41360m ²	Application completed in May, 2015	No sign of distress observed
58.	Daskalgram-Ruipur Rd, Nanoor, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.63 km 25 kN/m, 724 gsm, 49544m ²	Application completed in June, 2015	No sign of distress observed
59.	Paschimchakt o Gokulchak, Pingla Paschim Medinipur	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.2 km 25 kN/m, 724 gsm, 19360m ²	September, 2015	No sign of distress observed
60.	Ruinan – Chakdamusen , sabang Paschim Medinipur	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.7 km 25 kN/m, 724 gsm, 41360m ²	September, 2015	No sign of distress observed
61.	Simurali, NH-34	NH 34, PWD,	Road Construction under NH 3.105 km 25 kN/m, 724 gsm, – Area covered: 4.000 m ² , 2.9 MT	Completed in 2016.	Satisfactory
62.	Agartala T 12 Mamukh-nishimura Gara, Gogopa	NBCC / TRRDA Tripura	Road Construction under PMGSY 4.7 km 25 kN/m, 724 gsm,, 38,775 m ² , 28.07 MT	Application completed in Feb.2017	Excellent
63.	NH-34 (PWD, NH	Rehabilitation of damaged 2.3 km	Application	

	Sukimore) to Sagardighi PWD Road, NH Divn., Murshidabad	Divn Murshidabad	road of 5.5 m wide 94 x 39 DWP JGT 25 kN/m, 724 gsm, 14,000 m ² , 10.17 MT for strengthening road sub-grade through re-sectioning	completed in February,2017	Excellent
64.	Palpark-Mangalpur-Joynagar Bhangar-II, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.942 km	February,2017	Satisfactory
65.	NH-34, Simurali, Krishnanagar, PWD Road, NH Divn., Nadia	PWD, NH Divn Nadia	Rehabilitation of damaged 600 m road of 5.5 m wide 94 x 39 DWP JGT 25 kN/m, 724 gsm, 3,600 m ² , 10.17 MT for strengthening of two flanks through re-sectioning	Application completed in March,2017	Excellent
66.	Highland Park, Riverside project, batanagar, Budgebudge	Road inside Housing Estate, WB	Installed JGT of 25 kN/m, 724 gsm in the interface of GSB-II and WBM about 2 km, 11000 m ² , 8.0 MT	March,2017	Satisfactory
67.	Jogendranagar to Subhasnagar Road, Mathurapur-1, South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,662 km 25 kN/m, 724 gsm, 16791.15 m ² , 12.16 MT	April,2018	Satisfactory
68.	Barasat Pitch Rd to Patasaria Rd, Nanoor, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12.5 km 25 kN/m, 724 gsm, , 75,625 m ² , 54.75 MT	April,2017	Satisfactory
69.	Bellia crossing to Kalinagar, Moraroi I, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8.0 km 25 kN/m, 724 gsm, 48,400 m ² , 35.04 MT	April,2017	Satisfactory
70.	Duttapukurpara to Belpahari, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6.645km 25 kN/m, 724 gsm,, 40,202 m ² , 29.11 MT	April,2017	Satisfactory
71.	Chanditala-II, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.680 km 25 kN/m, 724 gsm, 16,214 m ² , 11.74 MT	April,2017	Satisfactory
72.	T09 Bhata to Badur , Beldanga, Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 11.200 km 25 kN/m, 724 gsm,67,760 m ² , 49.06 MT	April,2017	Satisfactory
73.	TO8 Gangapur to Mohua GP,	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9.430 km 25 kN/m, 724 gsm, 57,052 m ² ,	April,2017	Satisfactory

	Beldanga-I Mushidabad		41.31 MT		
74.	L030- Belegachhi Bus stand on T01 to Sardarpara, South 24- Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,495 km 25 kN/m, 724 gsm, 9,046 m ² , 6.55 MT	April,2017	Satisfactory
75.	L023-T02 Maula to chandanpur L023(Block- Shyampur-I), Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,500 km 25 kN/m, 724 gsm, – Area covered:9,075 m ² , 6.57 MT	April,2017	Satisfactory
76.	Bhatar, Burdwan	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,750 km 25 kN/m, 724 gsm, 28,738 m ² , 20.81 MT	May,2017	Satisfactory
77.	Kalna-II, Burdwan	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,800 km 25 kN/m, 724 gsm, 22,990 m ² , 16.65 MT	May,2017	Satisfactory
78.	T07 nahata to Sargacho More, Beldanga, Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8,700 km 25 kN/m, 724 gsm, 52,635 m ² , 38.11 MT	May,2017	Satisfactory
79.	T03 Paglatek to Pirtala, Berhampure, Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,220 km 25 kN/m, 724 gsm, 55,781m ² , 40. 36 MT	May,2017	Satisfactory
80.	Bongaon, 24Paranas(N)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,990 km 25 kN/m, 724 gsm, 34,243m ² , 24.79 MT	May,2017	Satisfactory
81.	Budgo Budge- 1 South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,762 km 25 kN/m, 724 gsm, 34,860 m ² , 25.24 MT	May,2017	Very satisfactory
82.	L032- Radhabaltavp ur to suchla part of Haripur Bandhpur Road it will be connected Masat Main Road, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,250 km 25 kN/m, 724 gsm, 13,613 m ² , 9.86 MT	May,2017	Satisfactory
83.	L025-Sinjore Kalonehora road part of Radhaballavp ur to ssichia, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,585 km 25 kN/m, 724 gsm, 15,639 m ² , 11.32 MT	May,2017	Satisfactory

84.	Jodhpur to pitha Bridge, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,750 km 25 kN/m, 724 gsm, 16,638 m ² , 12.05 MT	May,2017	Satisfactory
85.	Basanti Block Office-sonakhati Titkumar PWD Road, Basanti, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 10,021 km 25 kN/m, 724 gsm, 60,628 m ² 43.89 MT	May,2017	Satisfactory
86.	Lachiator to Saspur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.68 km 25 kN/m, 724 gsm, 40,414 m ² , 29.26 MT	May,2017	Satisfactory
87.	Bolpur Sriniketan to Maheswarpur ,Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.890 km 25 kN/m, 724 gsm, 35,635m ² , 25.80 MT	May,2017	Satisfactory
88.	Bandherpara to sheramari, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.279 km 25 kN/m, 724 gsm, 31,940m ² , 23.12 MT	May,2017	Satisfactory
89.	Patharghata to sitapur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.200 km 25 kN/m, 724 gsm, 19 360 m ² , 14.02 MT	May,2017	Satisfactory
90.	Dubarjpur-Gohallara to Rajganj, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12.510 km 25 kN/m, 724 gsm, 75 686 m ² , 54.80 MT	May,2017	Satisfactory
91.	Ilambazar-Rashlichak to sahapur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY,8.190 km 25 kN/m, 724 gsm, 49550 m ² , 35.87 MT	May,2017	Satisfactory
92.	Khoyrasol to mahisadal, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY4.360 km 25 kN/m, 724 gsm , 26,378m ² , 19.10 MT	May,2017	Satisfactory
93.	Khoyrasol-Panchlia to babyjore, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY8.360 km 25 kN/m, 724 gsm, 50,578 m ² , 36.62 MT	May,2017	Satisfactory
94.	Labpur-Kandiakamarsal to darpara Haripur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY10.419 km 25 kN/m, 724 gsm, 63,035 m ² , 45.64 MT	May,2017	Satisfactory
95.	Labpur-kumahar to, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.930 km 25 kN/m, 724 gsm, 35,877 m ² , 25,98 MT	May,2017	Satisfactory
96.	Mayureswari-i Kandiara to Ratagora,	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6.656 km 25 kN/m, 724 gsm, 40,269 m ² ,	May,2017	Satisfactory

	Birbhum		29.16 MT		
97.	L042, Lachator to saspur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.680 km 25 kN/m, 724 gsm, 28,314 m ² , 20.50 MT	May,2017	Satisfactory
98.	L029, Chautari to Mayureswari arjuni Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,940 km 25 kN/m, 724 gsm,29,887 m ² , 21.64 MT	May,2017	Satisfactory
99.	L025, Puratanggram to Md. Bazar sahnagar Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8.920 km 25 kN/m, 724 gsm,53,966 m ² , 39.07 MT	May,2017	Satisfactory
100.	L028, Raipur to Khayrakuti Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6.750 km 25 kN/m, 724 gsm, 40.837 m ² , 29.57 MT	May,2017	Satisfactory
101.	L035, Balia Crossing to kanlagar Village.Murara i-I Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8,840 km 25 kN/m, 724 gsm, 53,482 m ² , 38.72mt	May,2017	Satisfactory
102.	L022, Bansiol to koutora Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,010 km 25 kN/m, 724 gsm, 54,511 m ² , 39.47 MT	May,2017	Satisfactory
103.	L039, Muktishpurimore to kalitala Murarai-ii Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,040 km 25 kN/m, 724 gsm,42,592 m ² , 30.84 MT	May,2017	Satisfactory
104.	L022,Kitchi to Barshapukur Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8,320 km 25 kN/m, 724 gsm, 50,335 m ² ,36.44 MT	May,2017	Satisfactory
105.	L039,Chamitb aganto madhai pure Naihati-1, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,600 km 25 kN/m, 724 gsm, 2783 m ² , 20.15 MT	May,2017	Satisfactory
106.	L024,Bandhkh olamore to barunigha viato shitagarma Naihati-II, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 16,130 km 25 kN/m, 724 gsm, 97,587 m ² , 70.65 MT	May,2017	Satisfactory
107.	L031,Bata to koh Kai gram via JESTha, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,420 km 25 kN/m, 724 gsm, 56,991 m ² , 41.26 MT	May,2017	Satisfactory
108.	L063,NOaskai gram to raipure anoor, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,913 km 25 kN/m, 724 gsm, 47,874 m ² , 34.66 MT	May,2017	Satisfactory

109.	Herobhanga-Dharmatala-Canning-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,300 km 25 kN/m, 724 gsm, – Area covered: 44165 m ² , 31.98 MT	May,2017	Satisfactory
110.	Nimania-Kaikhati-Kultali, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,841 km 25 kN/m, 724 gsm, – Area covered:11,139m ² , 8.06 MT	May,2017	Satisfactory
111.	Karabeghat-Rajapur-Jaynagar-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,105 km 25 kN/m, 724 gsm, – Area covered: 18,786 m ² , 13.60 MT	October, 2017	Satisfactory
112.	Barasatpara Kalitala to Patipur, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,500 km 25 kN/m, 724 gsm, 16,500 m ² , 11.95 MT	October, 2017	Satisfactory
113.	L0-Highway to Etapur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,480 km 25 kN/m, 724 gsm, 45,254 m ² , 32.76 MT	October, 2017	Satisfactory
114.	L034,Barasat pech Roa.to pati sara, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12,420 km 25 kN/m, 724 gsm, 75,141 m ² , 54.40 MT	November,2 017	Satisfactory
115.	L055,Chit gram.Bus stop to qktrund, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8,120 km 25 kN/m, 724 gsm, 49,126 m ² , 35.57 MT	Nov.2017	Satisfactory
116.	T04 Jhamalpur to Serpur Bharatpur, Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7.370 km 25 kN/m, 724 gsm, 44,589 m ² , 32.28 MT	November, 2017	Satisfactory
117.	Deulti to Katapukur,Bag nan-II ,Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.85 km 25 kN/m, 724 gsm, 29,343m ² , 21.24 MT	November, 2017	Satisfactory
118.	17 No Route Beherampur part of kananadi Ps to Beherampur, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,250 km 25 kN/m, 724 gsm, 13,613 m ² , 9.86 MT	November,2 017	Satisfactory
119.	L041-Ruppur Busstand to Sukhbazar Hat Illambazar, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,689 km 25 kN/m, 724 gsm, 46,519 m ² , 33.68 MT	November,2 017	Satisfactory
120.	Falta, South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,200 km 25 kN/m, 724 gsm, 25,410 m ² , 18.39 MT	Nov.2017	Satisfactory
121.	Sanbhunagar,	WBSRDA,	Road Construction Under PMGSY	November,	Satisfactory

	South 24 Paranas	Govt. of WB	7,200 km 25 kN/m, 724 gsm, 43,560 m ² , 31.54 MT	2017	
122.	L035-Dangapara to Baranabagram , Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,970 km 25 kN/m, 724 gsm, 48,219 m ² , 34.91 MT	November, 2017	Satisfactory
123.	Bansra from Radhakrishna Temple-Dabu Irrigation Cannel-canning-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,032 km 25 kN/m, 724 gsm, – Area covered: 12,294 m ² , 8.9 MT	Nov,2017	Satisfactory
124.	Link of T01 manirhat-Chuprijara-Jaynagar-II, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,666 km 25 kN/m, 724 gsm, – Area covered: 46,379 m ² , 33.59 MT	November, 2017	Satisfactory
125.	Allahabad Bank-Pashupati Halder House-canning-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,736 km 25 kN/m, 724 gsm, – Area covered: 16, 553 m ² , 11.98 MT	December,2017	Satisfactory
126.	Gosaba, South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,726 km 25 kN/m, 724 gsm, 58,842 m ² , 42.61 MT	December, 2017	Satisfactory
127.	T05 Jhamatpur to Salarkhare, Bharatpur-II Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 10,310 km 25 kN/m, 724 gsm, 62,376 m ² , 45.16 MT	December, 2017	Satisfactory
128.	T05 Trimchand Club to SarbangapurN owda, Burdwan	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8.177 km 25 kN/m, 724 gsm, 49,471 m ² , 35.82 MT	December, 2017	Satisfactory
129.	Samantapara to Adakpara, Bagnan-II, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.5 km 25 kN/m, 724 gsm, 15,125 m ² , 10.95 MT	December, 2017	Satisfactory
130.	Saora Bhimtala to Gouipara kalitala Mondalpara part of saora to kota,	WBSRDA, Govt. of WB	Road Construction Under PMGSY 8,210 km 25 kN/m, 724 gsm, 49,671 m ² , 35.96 mT	December, 2017	Satisfactory

	Hooghly				
131.	Ganeshbati to Mohanbati part of khurigachi kalitala to paschim Durgapur Jangipara, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,171 km 25 kN/m, 724 gsm, 31,285 m ² , 22.65 MT	December, 2017	Satisfactory
132.	Pateel to Paira Danga part of patul to Jamura, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,570 km 25 kN/m, 724 gsm, 15,548m ² , 11.26MT	December, 2017	Satisfactory
133.	Arenda MD road to Bauripara part of jaruia to Dogachia, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,400 km 25 kN/m, 724 gsm, 8470 m ² , 6.13 MT	December, 2017	Satisfactory
134.	L047- ISlamkuri to kankartala, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 10,420 km 25 kN/m, 724 gsm, 63,041 m ² , 45.64 MT	December, 2017	Satisfactory
135.	L027,Hirakuni more to Rajnagarlamp sRajnagar, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,360 km 25 kN/m, 724 gsm, 56,628 m ² , 41.00 MT	December,2 017	Satisfactory
136.	L043,Sisalfara to tilabani, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12,060 km 25 kN/m, 724 gsm, 72,966 m ² , 52.83MT	December,2 017	Satisfactory
137.	L046,Mollarpur kashogorapitch Road to valkapahari Rampurhat-I, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6,620 km 25 kN/m, 724 gsm,40,051 m ² , 29.00MT	December,2 017	Satisfactory
138.	Muratganj Rajapur Rd to Logaon Adhuli Rd,Sarsawam, Kausambi	UPRRDA Govt. of UP	Road Overlay (3.75 m) under PMGSY 6.00 km 292 gsm – Area covered: OW JGT,24,750m ² , 7.27 MT	December,2 017	Reported to be good
139.	Saria to Purab,Tonahakapura, Rd,Sarsawam, Kausambi	UPRRDA Govt. of UP	Road Overlay under PMGSY 4.40 km 292 gsm OW JGT, – Area covered: – Area covered:18,150m ² , 5.30 MT	December,2 017	Reported to be good
140.	GTRoad km146 to Manjhanpur,Sirathu,	UPRRDA Govt. of UP	Road Overlay under PMGSY 2.20 km 724 gsm woven – Area covered: JGT, 9,075 m ² , 2.65 MT	December, 2017	Inspected on 15.3.18-unsatisfactory, probably for

	Kausambi				using 20 mm PMC instead of 50mm
141.	L049,Duttapuk urpara to Belpahari extended upto arabouni via radipure Barjole, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6,680 km 25 kN/m, 724 gsm, 40,414 m ² , 29.26 MT	January,201 8	Satisfactory
142.	L041,Saibhadr amore to barjole via bamnigoria rampurehat-I Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.759 km 25 kN/m, 724 gsm, 334,841 m ² , 25.23 MT	January 2018	Satisfactory
143.	L040,Swadinp ur rly station to Ekdalacansl moreRampurh at-II Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9.270 km 25 kN/m, 724 gsm,, 56,084m ² , 40.60 MT	January,201 8	Satisfactory
144.	Goghat-II, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 13,360 km 25 kN/m, 724 gsm, 80,828 m ² , 58.52 MT	January, 2018	Satisfactory
145.	Nahata Bazar to Serpur, Bongaon, 24 parganas (N)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.990 km 25 kN/m, 724 gsm, 34,243m ² , 24.79 MT	January,201 8	Satisfactory
146.	Gaighata,24P aranas(N)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,725 km 25 kN/m, 724 gsm, 34,637 m ² , 25.08 MT	January,201 8	Satisfactory
147.	South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,620 km 25 kN/m, 724 gsm, 34,001 m ² , 24.62 MT	January,201 8	Satisfactory
148.	South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,470 km 25 kN/m, 724 gsm, 45,194 m ² , 32.72 MT	January,201 8	Satisfactory
149.	Bamanda Primary health Centre to sitapurBazar Kotulpur GP part of Ganeshbati to Bargnda, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,500 km 25 kN/m, 724 gsm, 27,225 m ² , 19.71 MT	January,201 8	Satisfactory
150.	LO32- Khachari Ghat on T02 to	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,535 km 25 kN/m, 724 gsm, – Area	January,201 8	Satisfactory

	Sandeshkhati via Kowra para-Canning-I, South 24-Parganas		covered: 21.385 m ² , 15.48 MT		
151.	Basta to kurigachi , Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,000 km 25 kN/m, 724 gsm, 18,150 m ² , 13.14MT	January,2018	Satisfactory
152.	Rajapur-Gobindapur4 Sluice Gate-Jaynagar-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6,504 km 25 kN/m, 724 gsm, – Area covered: 39,349 m ² , 28.49 MT	January,2018	Satisfactory
153.	Rampur-Manikpur Via Chak Harinavi-Sonarpur, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,220 km 25 kN/m, 724 gsm, – Area covered: 13,431m ² , 9.72 MT	January,2018	Satisfactory
154.	GTRoad km 6 to 11.5 Manjhanpur,Si rathu, Kausambi	UPRRDA Govt. of UP	Road Overlay under PMGSY 6.60 km 292 gsm OW JGT, – Area covered: 27,225 m ² , 7.95 MT	January,2018	Satisfactory
155.	Sirathydhata km 1 to afjalpurbari km 6 to 12 Manjhanpur,Si rathu, Kausambi	UPRRDA Govt. of UP	Road Overlay under PMGSY 6.00 km 292 gsm OW JGT, – Area covered: – Area covered: 24,750m ² , 7.23 MT	January,2018	Satisfactory
156.	L045,Kaluha to pudda via CK chungri and bkchyngr Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12,680 km 25 kN/m, 724 gsm, 76,714 m ² , 55.54MT	February,2018	Satisfactory
157.	L030,Sainthia Suri Bolpur Pucca road to bankhatpur Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,380 km 25 kN/m, 724 gsm, 20,449m ² , 14.81 MT	February,2018	Satisfactory
158.	L028,Muchiara to budhura Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,460 km 25 kN/m, 724 gsm, 26,983 m ² , 19.54 MT	February,2018	Satisfactory
159.	T05 Gopaldighi to Jogpur, Sagardighi Mushidabad	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9.060 km 25 kN/m, 724 gsm, 54,813 m ² , 39.69 MT	February,2018	Satisfactory
160.	South 24 Paranas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,370 km 25 kN/m, 724 gsm, 44,589,m ² ,	February,2018	Satisfactory

			32.28 MT		
161.	Pushdanga to Jagursha, Pachla, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9.9 km 25 kN/m, 724 gsm, 59895 m ² , 43.36 MT	February,2018	Satisfactory
162.	Siragpur to Maheswarpur part of Basuri more to Hemchandra Para, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,650 km 25 kN/m, 724 gsm, 22,082 m ² , 15.99 MT	February,2018	Satisfactory
163.	T09-Phulbari to Latkeshabpur, Dakshin Dinajpur	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,600 km 25 kN/m, 724 gsm, 58,080 m ² , 20.02 MT	February, 2018	Satisfactory
164.	Jibantala-Matherdighi Mouja, canning-II, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,480 km 25 kN/m, 724 gsm, – Area covered: 27,104 m ² , 19.62 MT	February,2018	Satisfactory
165.	Bonhugli-Natunhat via Madhya para-Sonarpur, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,730 km 25 kN/m, 724 gsm, – Area covered:10,467m ² , 7.58 MT	February,2018	Satisfactory
166.	Paharpur Chaul km 8 to paigampur Mahgon, Chail, Kausambi	UPRRDA Govt. of UP	Road Overlay under PMGSY 8.60 km 292 gsm OW JGT, – Area covered: – 35,457 m ² , 10.36 MT	February,2018	Satisfactory
167.	T09-Phulbari to Latkeshabpur, Dakshin Dinajpur	WBSRDA, Govt. of WB	Road Construction Under PMGSY 9,600 km 25 kN/m, 724 gsm, 18,000 m ² , 13.03 MT	February, 2018	Satisfactory
168.	L029-Suri-I, Ministerel high road more to gajalpur via singur chandanpur Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,060 km 25 kN/m, 724 gsm, 30,613, m ² , 22.16 MT	March,2018	Satisfactory
169.	Tarakeswar, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 11,990 km 25 kN/m, 724 gsm, 72,540m ² ,52.52 MT	March,2018	Satisfactory
170.	Ruidashpara to Hindupara, Ulberia-I, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.9 km 25 kN/m, 724 gsm, 35,695 m ² , 25.84 MT	March,2018	Satisfactory
171.	Debipur soad	WBSRDA,	Road Construction Under PMGSY	March,2018	Satisfactory

	para road Vuia Hazipur Gokuldanga Amonmouri also known as Bantika to Hajipur, Hooghly	Govt. of WB	6,553 km 25 kN/m, 724 gsm, 39,647 m ² , 28.70MT		
172.	Kuchpala to satithan part at chowpala to Dantra DTC, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,427 km 25 kN/m, 724 gsm, 26,698 m ² , 19.33MT	March,2018	Satisfactory
173.	Uata Dadpur to Adibasi para, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,516 km 25 kN/m, 724 gsm, 9,172 m ² , 6.64 MT	March,2018	Satisfactory
174.	Panjipukur to Balipukri part of Balipukri Via Haripur to Karichaberi, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,973 km 25 kN/m, 724 gsm, 17,987 m ² , 13.02MT	March,2018	Satisfactory
175.	Haripur to payan Bridge part of Balikahri via Haripur to korichaberi Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,900 km 25 kN/m, 724 gsm, 11,495 m ² , 8.32MT	March,2018	Satisfactory
176.	Bilaayatpur to komdhara part of paschim Narayanpur to kandhara, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,750 km 25 kN/m, 724 gsm, 22,687 m ² , 16.43 MT	March,2018	Satisfactory
177.	Mulgam to khantash part of kashoera to narayanpur part of paluldanga to mahisdanga, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,290 km 25 kN/m, 724 gsm, 19,901 m ² , 14.41 MT	March,2018	Satisfactory
178.	Pulnan to porabazar part of Hasnan more to Alipur ricemill, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,900 km 25 kN/m, 724 gsm, 17,545 m ² , 12.7 MT	March,2018	Satisfactory
179.	L032-Ganupur to chowbalta, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,468 km 25 kN/m, 724 gsm, 45,181 m ² , 32.71 MT	March,2018	Satisfactory
180.	L038-Basapra	WBSRDA,	Road Construction Under PMGSY	March,2018	Satisfactory

	Bus stop to sedai, Birbhum	Govt. of WB	10,409 km 25 kN/m, 724 gsm, 57250m ² , 41.449MT		
181.	L053-Gudamer Hat to Singher Dari High School- Jaynagar-I, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6,170 km 25 kN/m, 724 gsm, – Area covered: 37,329 m ² , 27.03 MT	March,2018	Satisfactory
182.	Birendra-Subhashnagar - Patharpratima, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,027 km 25 kN/m, 724 gsm, – Area covered: 12,264 m ² , 8.88 MT	March,2018	Satisfactory
183.	Paschim Sripati Nagar Sunday market- Thakuran river Via P.School and Manasha Mandir- Patharpratima	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,183 km 25 kN/m, 724 gsm, – Area covered: 25,308m ² , 18.32 MT	March,2018	Satisfactory
184.	L035-T02 Kanpur to Belesanta L035, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,600 km 25 kN/m, 724 gsm, – Area covered: 9,680 m ² , 7.0 MT	March,2018	Satisfactory
185.	GT Road to Sadho Marg km 0 to 8, Kada, sadho	UPRRDA Govt. of UP	Road Overlay under PMGSY 8.00 km 292 gsm OW JGT, – Area covered: 33,000m ² , 9.64 MT	March,2018	Satisfactory
186.	Mansurabad to Korari via Anapur, Kaudihar, Allah abad	UPRRDA Govt. of UP	Road Overlay under PMGSY 4.00 km 292 gsm OW JGT, – Area covered: 16,500m ² , 4.82 MT	March,2018	Satisfactory
187.	Hiyanglam to Hiranmei, Package No. MN0832 in Thoubal District	MSRRDA Govt. of Manipur	Road Construction under PMGSY 4.8 km 25 kN/m, 724 gsm., – 20,800 m ² , 15.06 MT,	April 2018	Reported to be good
188.	Suri-ii L044, Dholtihuri to bhulanganj via bhamarkal Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,930 km 25 kN/m, 724 gsm, 17,727 m ² , 12.83 MT	April,2018	Satisfactory
189.	L045, Nimpalashi via khatitakari Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5,340 km 25 kN/m, 724 gsm, 32,307 m ² , 23.39 MT	April,2018	Satisfactory

190.	Purbasthali-I, Burdwan	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7.250 km 25 kN/m, 724 gsm, 43,863 m ² , 31.76 MT	April,2018	Satisfactory
191.	Rajhat school to Mahimpur part of shamp to Nayapara, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,620 km 25 kN/m, 724 gsm, 9801m ² , 7.1 MT	April,2018	Satisfactory
192.	Gopalnagar to thanpantalla part of pal Busstand to Maria roy school, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,500 km 25 kN/m, 724 gsm, 9075 m ² , 6.57 MT	April,2018	Satisfactory
193.	Kamria Ricemill to Hamidpur part of kotal para to kakgi para, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,532 km 25 kN/m, 724 gsm, 15,318 m ² , 11.09 MT	April,2018	Satisfactory
194.	Ati to Bandhapara part of Amira to Ganeshpur, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1,500 km 25 kN/m, 724 gsm,, 9075 m ² , 6.57 MT	April,2018	Satisfactory
195.	L063-Judutia Bus stop to Ruipur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7,710 km 25 kN/m, 724 gsm, 46,646 m ² , 33.77 MT	April,2018	Satisfactory
196.	Srirampur-Serhangampur e via T02 Baghaberia-Jaynagar-II, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2,422 km 25 kN/m, 724 gsm, – Area covered: 14,653 m ² , 10.61 MT	April,2018	Satisfactory
197.	Petkulchand-Kishori Mohanpur Road-Kultali, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3,692 km 25 kN/m, 724 gsm, – Area covered: 22,337 m ² , 16.17 MT	April,2018	Satisfactory
198.	L045-Amratala Culvert to parui-Magrahat-II, South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4,810 km 25 kN/m, 724 gsm, – Area covered:29.101m ² , 21.07 MT	April,2018	Satisfactory
199.	Koraba Ghat to Rajapur, Jainagar-I, 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction under PMGSY 3.105 km 25 kN/m, 724 gsm, – Area covered:18,786 m ² , 13.6 MT	April,2018	Satisfactory
200.	Hiyanglam to	MSRRDA	Road Construction under PMGSY	April	Reported to be

	Hiranmei, Package No. MN0832 in Thoubal District	Govt. of Manipur	4.8 km 25 kN/m, 724 gsm,, – 20,800 m2, 15.06 MT,	2018	good
201.	Thounaojam to Elangkhangpo kpi, Package No. MN0833 in Thoubal District	MSRRDA. Govt. of Manipur.	Road Construction under PMGSY 5.2 km 25 kN/m, 724 gsm,, – 22,600 m2, 16.36 MT,	August 2018	Reported to be good
202.	Thounaojam to Elangkhangpo kpi, Package No. MN0833 in Thoubal District	MSRRDA. Govt. of Manipur.	Road Construction under PMGSY 5.2 km 25 kN/m, 724 gsm,, – 22,600 m2, 16.36 MT,	August 2018	Reported to be good
203.	Pachimsripatin agar to Thakurani River, Bishnupur-I, South 24 Pgs	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.2 km 25 kN/m, 724 gsm, – Area covered: 23,100 sq. m., m 16.72 MT	September, 2018	Satisfactory
204.	Companir pukur to Damdama bazaar,, Pratharpratima , South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 5.4 km 25 kN/m, 724 gsm, – Area covered 29,700 sq. m,: 21.5 MT	October, 2018	Satisfactory
205.	Karapadi Mayanam to puliamatty, Bhabanisagar, Erode, TN	TNRRDA Govt. of TN	Road Construction (7.5 m on sub-grade) under PMGSY 2.895 km 25 kN/m, 724 gsm, – Area covered:21,000 m ² ,15.204 MT (JGT laid over the entire sub-grade of 8 m wide)	Nov. 2018	Satisfactory
206.	Bakhsi bridge to Khanpara Rd,Amta- II, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.00 km 25 kN/m, 724 gsm, – Area covered: 11,000 m 7.96 MT	November,2 018	Satisfactory
207.	Habibpur, , Malda	WBSRDA, Govt. of WB	Road Construction Under PMGSY 12 km 25 kN/m, 724 gsm, – Area covered: 52,800 m2, 38.23 MT	December, 2018	Satisfactory
208.	Gajol, Malda	WBSRDA, Govt. of WB	Road Construction Under PMGSY 6.5 km 25 kN/m, 724 gsm, – Area covered: 28,600 m2, 20.71 MT	Decemeber, 2018	Satisfactory
209.	Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.73 km 25 kN/m, 724 gsm, – Area covered: 17,500 sq.m m2,12.67 MT	Dec 18,	Satisfactory

210.	Kantipota to Kharki, Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.161 km 25 kN/m, 724 gsm, – Area covered: 16000 m ² , 11.6MT	Dec 18	Satisfactory
211.	Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered: 30,000 m ² , MT	Dec 18	Satisfactory
212.	Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered: 20,000 m ² ,14.48 MT	Dec 18	Satisfactory
213.	Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered:9600 m ² , 7.0 MT	Dec 18	Satisfactory
214.	Polba to Dadpur, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered:13,350 m,9.67 MT	January,2019	Satisfactory
215.	Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered:13,000 m ² ,9.4 MT	January,2019	Satisfactory
216.	Bonhughly to Natunhat, Sonarpur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.73 km 25 kN/m, 724 gsm, – Area covered: 9,515 m ² , 6.89.6MT	January,2019	Satisfactory
217.	Ganashpur Khanpara to kapidapur, Baruipur South 24-Parganas	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.995 km 25 kN/m, 724 gsm, – Area covered: 16,300 m ² , 11.95.6MT	February,2019	Satisfactory
218.	Rampur to Mankepur, Sonarpur- II 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.22 km 25 kN/m, 724 gsm, – Area covered: 14,500 m ² , 10.5.6MT	February,2019	Satisfactory
219.	Petkulchand to Kishori Mohanpur , Kultoli, 24-Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.2 km km 25 kN/m, 724 gsm, – Area covered: 11400 m, 82.54.6MT	Feb,2019	Satisfactory
220.	Ganashpur Khanpara to Kapidapur, Block- Baruipur 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction under PMGSY 2.955 km km 25 kN/m, 724 gsm, – Area covered: 16,500 sqm, 11.95 MT (Near Mallikpur)	Feb,2019	Satisfactory
221.	Mohanpur Bus Stop to Moraipur, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 7.38 km 25 kN/m, 724 gsm, 40.590 m ² , 29.38 MT	February,2019	Satisfactory

222.	Durgapur to Malatipur, Kalna-I, Purba Burdwan	WBSRDA, Govt. of WB	Road Construction under PMGSY 4.75 km 25 kN/m, 724 gsm, – Area covered: 16,500 m ² , 11.95 MT	March,2019	Satisfactory
223.	Belegachi Bus stand to Sardwerpara, Block-Baruipur 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction under PMGSY 2.955 km km 25 kN/m, 724 gsm, – Area covered: 16,500 sqm, 11.95 MT (Near Canning) (R&D Project- IIEEST, WBSRDA, & NJB)	March,2019	Satisfactory
224.	Baligram Bus Stop to Uchkaran, Nanoor, Birbhum	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.83 km 25 kN/m, 724 gsm, 21,065 m ² , 15.25 MT Tested on 1.3.19	March,2019	Satisfactory
225.	Moula to Chandanpur near 58 gate, Shyampur - II,Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.2 km 25 kN/m, 724 gsm, – Area covered: 4,000 m 2.9 MT	March 2019	Satisfactory
226.	Chandpara to Mirzapur, Habibpur Block Malda	WBSRDA, Govt. of WB	Road Construction Under PMGSY 14.10 km 25 kN/m, 724 gsm, 48.000 m ² , 34.75MT	March 2019	Satisfactory
227.	Kanpur to Belasanta, Shyampur-II, Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.6 km 25 kN/m, 724 gsm, – Area covered: 8,000 sq.m, 5.79 MT	April 2020	Satisfactory
228.	Patharpratima, 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.6 km 25 kN/m, 724 gsm, – Area covered: 19,500 sq.m, 14.12 MT	April,2019	Satisfactory
229.	Kanpur to Belasanta, Shyampur - II,Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.3 km 25 kN/m, 724 gsm, – Area covered: 4,000 m 2.9 MT	May 2019	Satisfactory
230.	Canning	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.3 km 25 kN/m, 724 gsm, – Area covered: 7,500 m 5.43 MT	May 2019	Satisfactory
231.	Badangaj, Goghat, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.1 km 25 kN/m, 724 gsm, – 15,500 Area covered: m, 15.5 MT	May 2019	Satisfactory
232.	Amridunga More, Gajol, Malda	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area covered:10,400 sq m, MT	August,2019	Satisfactory
233.	Palba Block , Chunchura, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.5 km 25 kN/m, 724 gsm, – Area covered: 19,250 m 13.94 MT	November 2019	Satisfactory
234.	24 Pgs (S)	WBSRDA,	Road Construction Under PMGSY	Dec 2019	Satisfactory

		Govt. of WB	km 25 kN/m, 724 gsm, – Area 20,120 sq.m, MT		
235.	Canning-1, 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 13.0 km 25 kN/m, 724 gsm, – Area covered: 7,000 sq.m, MT	Dec 2019	Satisfactory
236.	Chinchura, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area 2100 sq.m, 1.52 MT	Dec 2019 Crescent	Satisfactory
237.	Chinchura, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY km 25 kN/m, 724 gsm, – Area 1200 sq.m, 0.9 MT	Dec 2019 Crescent	Satisfactory
238.	Goghat-II Block , Chunchura, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.7 km 25 kN/m, 724 gsm, – Area covered: 18,500 m 13.39 MT	December 2019	Satisfactory
239.	Kanpur to Belakuta, Shyam pur-II Block Howrah	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.7 km 25 kN/m, 724 gsm, – Area covered: 5,610 m 4.06 MT	January 2020	Satisfactory
240.	Jangipara, Chanditala, Dankuni Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 4.5 km covered: 22,500 sq m , 16.29 MT	February 2020	Satisfactory
241.	Chanditala, Dankuni Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.0 km covered: -15,000 sq.m., 10.86 MT	February 2020	Satisfactory
242.	Panjipukur to Balikuhri, WB/08/ADB-39 Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.973 km 25 kN/m, 724 gsm, – Area covered: 8,000 sq.m 5.79 MT	March 2020	Satisfactory
243.	Haripur to Payan Bridge, WB/ADB-RCIP-2 Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.9 km 25 kN/m, 724 gsm, – Area covered: 3,000 sq.m 2.17 MT	March 2020	Satisfactory
244.	Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 0.9 km 25 kN/m, 724 gsm, – Area covered: 4,000 sq.m 2.90 MT	May 2020	Satisfactory
245.	Nimpith, 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.7 km , 724 gsm, – Area covered: 18,500 sq.m, 13.4 MT	Installed on subgrade but underneath CC pavement June 2020	Satisfactory
246.	Manika to Saharhat, Falta Block, 24 Pgs	WBSRDA, Govt. of WB	Road Construction Under PMGSY 2.974 km 25 kN/m, 724 gsm, – Area	Oct, 2020	Satisfactory

	(S)		covered 3,000 sq.m, 2.17 MT		
247.	Goghat, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 1.0 km 25 kN/m, 724 gsm, – Area covered 4,800 sq.m 3.49 MT	Oct,2020	Satisfactory
248.	Goghat, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.7 km 25 kN/m, 724 gsm, – Area covered 3,000sq.m 2.17 MT	Nov. 2020	Satisfactory
249.	Panjipukur to Balikuhri, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 25 kN/m, 724 gsm, – Area covered: 1470 sq.m 1.1 MT	2020	Satisfactory
250.	Panjipukur to Balikuhri, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 25 kN/m, 724 gsm, – Area covered: 1600 sq.m 1.2 MT	2020	Satisfactory
251.	Chanditala, Goghat, Hooghly	WBSRDA, Govt. of WB	Road Construction Under PMGSY 3.7 km 25 kN/m, 724 gsm, – Area covered 3,000 sq.m 2.17 MT	Nov. 2020	Satisfactory
252.	Patharpratima 24 Pgs (S)	WBSRDA, Govt. of WB	Road Construction Under PMGSY 25 kN/m, 724 gsm, – Area covered 7,200 sq.m 3.6 MT	2021	Satisfactory

APPLICATIONS IN AGRI-HORTICULTURE & FORESTRY (JUTE AGROTEXTILE) - 83

SI	Site/ Location	PIU	Particulars of work done	Year of application	Results
1.	Hunsur, Karnatak	C.T.R.I. (ICAR)	Mulch on seed bed of Tobacco nursery. Type of JAT used:- Open weave JAT- 6.5 x 4.5 – 500 g/m ² Area covered:- 500 m ² ,.0.25MT	1988	Number of transplantable seedlings and survival rate increased by 5%.
2.	Hunsur, Karnatak	C.T.R.I. (ICAR)	Mulch on seed bed of Tobacco nursery. Type of JAT used:- Open weave JAT- 11 x 12 – 250 g/m ² Area covered:- 300 m ² ,.075MT	1990	Number of transplantable seedlings and survival rate increased by 5%.
3.	Arcuttipore T.E., Cachar, Assam	Indian Tea Research Association.	Weed control in tea cultivation. Type of JGT used:- Non woven JAT- 500 g/m ² ; Area covered:- 5000 m ² .2.5MT	1995	Significant reduction of growth of weeds.
4.	Borbetta Tea Estate, Assam	Indian Tea Research Association.	Weed control in tea cultivation. Type of JGT used:- Non woven JAT- 750 g/m ² ; Area covered:3000 m ² ,2.25MT	1996	60% reduction of weeds.
5.	Andrew Yule	Indian Tea	Seedlings / saplings	1997	Degraded

	Tea Estate. Assam	Research Association.	Type of JAT used:- Jute Sleeves 9"x8" – 1,000 pcs.310gsm, Area covered 100M ² , 0.031MT		within 3 months and more expensive.
6.	Indian Tea Association, Assam	Indian Tea Research Association.	Seedlings / saplings Type of JAT used:- Jute Sleeves 9"x8" – 500 pcs.310gsm, Area covered 50m ² , 0.0155MT	1997	Degraded within 3 months and more expensive.
7.	Forest Deptt., Himachal Pradesh	Forest Deptt., Govt. of Himachal Pradesh	Preservation of costly fauna from extinction. Type of JAT used:- Non woven JAT- 500 g/m ² ; Area covered: 1200 m ² , 0.6MT	1997	Feed back not available.
8.	Horticulture Deptt., Himachal Pradesh	Horticulture Deptt., Govt. of Himachal Pradesh	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x8" – 10,000 pcs.310gsm, Area covered 968m ² , 0.30008MT	1997	Not suitable under the climate.
9.	Hijli & Porapara, Midnapore	Forest Deptt., Govt. of West Bengal.	Afforestation & Erosion Control Type of JAT used:- 1. Open weave JAT-34 x 15 -250 g/m ² Area covered:- 1000 m ² 2. Open weave JAT-11x 12 - 300 g/m ² Area covered: - 1000 m ² , 0.3MT	1997	Growth of the trees in the treated area significantly higher. No sign of erosion.
10.	Arunachal Pradesh	Govt. Of Arunachal Pradesh.	Seedlings to saplings Type of JAT used:- Jute sleeves 9"x8" – 5,000 pcs.310gsm, Area covered 484m ² , 0.150MT 7 x 7-730 g/m ² Area covered:- 10,000 m ² , 7.3 MT	1998	Reported to be encouraging
11.	Chewang Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² , 0.0372MT	2001	excellent performance in growth and survival
12.	Tarang Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² ,	2001	excellent performance in growth and survival
13.	Phedang Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² , 0.0372MT	2001	excellent performance in growth and survival
14.	Namprikdang Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² , 0.0372MT	2001	excellent performance in growth and survival
15.	Menshithang Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² , 0.0372MT	2001	excellent performance in growth and survival

16.	Bop Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered 120m ² , 0.0372MT	2001	excellent performance in growth and survival
17.	Shimphere Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered:120m ² ,0.037MT	2001	excellent performance in growth and survival
18.	Singring Nursery, Sikkim	Forest & Environment Deptt. Govt of Sikkim	Seedlings growth of / saplings Type of JGT used:- Jute Sleeves 9"x6" 310gsm, Area covered:120m ² ,0.037MT	2001	excellent performance in growth and survival
19.	Barapani, Meghalaya	ICAR	Soil Conservation Type of JAT used:- Open weave JAT- 400 g/m ² Area covered 1000m ² ,0.4MT	2002	Soil loss significantly reduced
20.	Lembuchhera, Tripura	ICAR	Soil Conservation & agromulching Type of JAT used:- Open weave JAT- 6.5 x 4.5 - 500 g/m ² , 2000m ² Non-woven JAT – 500 g/m ² Area covered:- 1000 m ² , 0.5MT	2004	Soil loss significantly reduced
21.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2006	Significant increase in yield / ha
22.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2006	Significant increase in yield / ha
23.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2006	Significant increase in yield / ha
24.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2006	Significant increase in yield / ha
25.	Pushkar, Rajasthan	Agriculture Deptt., Govt. of Rajasthan	Soil Conservation & agromulching Type of JAT used:- 6.5 x 4.5 open mesh- & 500 gsm nonwoven- Area covered:200 sq.m ,0.1MT	2007	Soil loss significantly reduced
26.	Jaipur, Rajasthan	Agriculture Deptt., Govt.	Soil Conservation & agromulching Type of JAT used:- 500 &	2007	Soil loss significantly

		of Rajasthan	6.5 x 4.5 open mesh- & 500 gsm nonwoven- Area covered:200 sq.m ,0.1MT		reduced
27.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2007	Significant increase in yield / ha
28.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2007	Significant increase in yield / ha
29.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2007	Significant increase in yield / ha
30.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2007	Significant increase in yield / ha
31.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2008	Significant increase in yield / ha
32.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2008	Significant increase in yield / ha
33.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2008	Significant increase in yield / ha
34.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2008	Significant increase in yield / ha
35.	Atma,Malda	Agriculture Deptt, Govt. of West Bengal	Weed management and Agromulching, 500gsm Area covered non woven500m ² ,0.25MT	2009	Highly encouraging result

36.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2009	Significant increase in yield / ha
37.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2009	Significant increase in yield / ha
38.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2009	Significant increase in yield / ha
39.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2009	Significant increase in yield / ha
40.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2010	Significant increase in yield / ha
41.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2010	Significant increase in yield / ha
42.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2010	Significant increase in yield / ha
43.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2010	Significant increase in yield / ha
44.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2011	Significant increase in yield / ha

		Ltd.			
45.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2011	Significant increase in yield / ha
46.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2011	Significant increase in yield / ha
47.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2011	Significant increase in yield / ha
48.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2012	Significant increase in yield / ha
49.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2012	Significant increase in yield / ha
50.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2012	Significant increase in yield / ha
51.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2012	Significant increase in yield / ha
52.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2013	Significant increase in yield / ha
53.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2013	Significant increase in yield / ha

		Ltd.			
54.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2013	Significant increase in yield / ha
55.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2013	Significant increase in yield / ha
56.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2014	Significant increase in yield / ha
57.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2014	Significant increase in yield / ha
58.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2014	Significant increase in yield / ha
59.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2014	Significant increase in yield / ha
60.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2015	Significant increase in yield / ha
61.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2015	Significant increase in yield / ha
62.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2015	Significant increase in yield / ha

63.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2015	Significant increase in yield / ha
64.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2016	Significant increase in yield / ha
65.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2016	Significant increase in yield / ha
66.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2016	Significant increase in yield / ha
67.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2016	Significant increase in yield / ha
68.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2017	Significant increase in yield / ha
69.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2017	Significant increase in yield / ha
70.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2017	Significant increase in yield / ha
71.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2017	Significant increase in yield / ha
72.	Nursery,	Govt. and	Agro mulching, 1.8 m wide 800 gsm,	2018	Significant

	Australia	Pvt. Nurseries, Australia by K K Enviro Ltd.	5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT		increase in yield / ha
73.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2018	Significant increase in yield / ha
74.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2018	Significant increase in yield / ha
75.	Nursery, Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agro mulching, 1.8 m wide 800 gsm, 5,500 m Nonwoven / lot ie, 9,900 sq.m-79.2MT	2018	Significant increase in yield / ha
76.	Gangasagar Bakhali Development Authority (GBDA)	Gangasagar Island, GBDA, Govt of West Bengal	Growth of seedlings Type of JGT used:- Jute Sleeves 6" x 4" Ex 272 gsm – 2000 pcs,	2019	excellent performance in growth and survival
77.	7 nurseries in Gujrat	Forestry	Growth of seedlings Type of JGT used:- Jute Sleeves 6" x 9" Ex 272 gsm – 2,25, 000 pcs,	2020	excellent performance in growth and survival
78.	Australia	Forestry	Weed suppression and growth of plants Type of JGT – 750 gsm, 18,750 sq.m., 14.1 MT	2020	Highly encouraging result
79.	MGNREGS, Cell, DM Office, Alipur	GNREGA, Gosaba, Sunderbans, West Bengal	Growth of saplings Type of JGT used:- Jute Sleeves 9" x 6" Ex 272 gsm – 5,00,000 pcs,	June 2000	excellent performance in growth and survival rate in saline soil
80.	MGNREGS, Cell, DM Office, Alipur	MGNREGA, Gosaba, Sunderban, West Bengal	Growth of seedlings Type of JGT used:- Treated Jute Sleeves 7" x 5" Ex 272 gsm – 8,00,000 pcs	September, 2020	excellent performance in growth and survival
81.	Agromulching on slope of Expressway Australia	Govt. and Pvt. Nurseries, Australia by K K Enviro Ltd.	Agromulching, 1.8 m wide 750 gsm, 6,250 m ² Nonwoven 11 MT	April, 2021	Significant increase in yield / ha