

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಸಂಖ್ಯೆ:ಗಭೂಇ/ಡಿಎಬಿ/2024-25

ನಿರ್ದೇಶಕರ ಕಛೇರಿ,

ಗಣಿ ಮತ್ತು ಭೂವಿಜ್ಞಾನ ಇಲಾಖೆ,

ನಂ.49, ಬಿನಿಜ ಭವನ, ರೇಸ್ ಕೋರ್ಸ್ ರಸ್ತೆ,

ಬೆಂಗಳೂರು-560001. ದಿನಾಂಕ: 01.01.2025

e-mail: dcbdmg@gmail.com

ಸುತ್ತೋಲೆ

ವಿಷಯ: ಕರ್ನಾಟಕ ಉಪ ಬಿನಿಜ ರಿಯಾಯಿತಿ ತಿದ್ದುಪಡಿ ನಿಯಮಾವಳಿಗಳು 2024

ರನ್ವಯ ದಿನಾಂಕ:01.01.2025 ರಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಉಪ ಬಿನಿಜಗಳ

ರಾಜಧನ ದರಗಳನ್ನು ಪರಿಷ್ಕರಿಸಿರುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: ಸರ್ಕಾರದ ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ: ಸಿಐ-ಎಂಎಂಎನ್/ 202/ 2023

ದಿನಾಂಕ:01.01.2025.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಉಲ್ಲೇಖಿತ ಸರ್ಕಾರದ ಅಧಿಸೂಚನೆ ಪತ್ರದಲ್ಲಿ, ದಿನಾಂಕ: 01.01.2025 ರಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ಕರ್ನಾಟಕ ಉಪ ಬಿನಿಜ ರಿಯಾಯಿತಿ ತಿದ್ದುಪಡಿ ನಿಯಮಾವಳಿಗಳು 2024 ರನ್ವಯ ಉಪ ಬಿನಿಜಗಳ ಮೇಲೆ ರಾಜಧನ ದರಗಳನ್ನು ಪರಿಷ್ಕರಿಸಲಾಗಿದೆ. ವಿವರಗಳು ಕೆಳಕಂಡಂತಿರುತ್ತದೆ. ತಿದ್ದುಪಡಿ ಅಧಿಸೂಚನೆ ಪ್ರತಿಯನ್ನು ಮಾಹಿತಿಗಾಗಿ ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿದೆ.

ಕ್ರ. ಸಂ.	ಉಪ ಬಿನಿಜ	ರಾಜಧನ ಪ್ರತಿ ಮೆಟ್ರಿಕ್ ಟನ್ ಗೆ	ಪರಿವರ್ತನ ಕೋಷ್ಟಕ ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ನಂತೆ	ರಾಜಧನ ಪ್ರತಿ ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ
1	ಕಟ್ಟಡ ಕಲ್ಲು Size Stone	ರೂ.80	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=2.63 ಟನ್	ರೂ.210.40
2	ಲ್ಯಾಟರೈಟ್ ಸ್ಟೋನ್	ರೂ.70	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=1.80 ಟನ್	ರೂ.126.00
3	ಜಲ್ಲಿ/ಮೆಟಲ್ ಎಲ್ಲಾ ವಿಧವಾದ (ಪುಡಿ ಗ್ರಾನೈಟ್/ ಕ್ವಾಡ್ರೈಟ್)	ರೂ.80	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=1.80 ಟನ್	ರೂ.144.00
4	ಮರಳು	ರೂ.80	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=1.72 ಟನ್	ರೂ.137.60
5	ಗ್ರಾವೆಲ್(ಮೂರಂ)	ರೂ.50	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=1.50 ಟನ್	ರೂ.75.00
6	ಮಣ್ಣು (ಕೋ) (ಎಲ್ಲಾ ತರಹದ ಹೆಂಚು ಮತ್ತು ಇಟ್ಟಿಗೆ ತಯಾರಿಕೆಗಾಗಿ)	ರೂ.70	1 ಕ್ಯೂಬಿಕ್ ಮೀಟರ್ ಗೆ=1.50 ಟನ್	ರೂ.105.00

ಕಲ್ಲುಗಣಿ ಗುತ್ತಿಗೆದಾರರು ಕರ್ನಾಟಕ ಉಪ ಬಿನಿಜ ರಿಯಾಯಿತಿ ತಿದ್ದುಪಡಿ ನಿಯಮಾವಳಿಗಳು 2023 ರಂತೆ ಸರ್ಕಾರಿ ಜಮೀನುಗಳಲ್ಲಿ ಹರಾಜು ರಹಿತವಾಗಿ ಗುತ್ತಿಗೆ ಹೊಂದಿರುವ ಕಲ್ಲುಗಣಿ ಗುತ್ತಿಗೆದಾರರಿಗೆ, ನಿಯಮ 3A (a)

vi. Material Co-Efficients

SL NO.	SR Volume	Item No	Material	Unit	Material Co-efficients in m ³		
					Jelly Metal / Stone*	Sand	Murum/ Soil
1	1	2.1.1 2.1.2 2.1.3	PCC M 5 (1:5:10) / PCC M 7.5 (1:4:8) / PCC M 10 (1:3:6) using 40 mm nominal size	m ³	0.89	0.47	
2	1	2.1.4	PCC M 10 (1:3:6) using 20 mm nominal size	m ³	0.94	0.47	
3	1	2.1.5	PCC M 15 (1:2:4) using 20 mm nominal size	m ³	0.89	0.47	
4	1	2.1.6 2.4.1	PCC M 15 (1:2:4) using 40 mm nominal size RCC M15	m ³	0.89	0.45	
5	1	2.2.1 2.2.2 2.3.1 2.4.2 2.5.1	RCC M 20 RCC M 20 (RCA) RCC M 20 RCC M 20 RCC M 20	m ³	0.85	0.425	
6	1	2.2.3 2.2.4 2.2.5 2.2.6 2.2.7 2.3.2 2.3.3 2.3.4 2.3.5 2.4.3 2.4.4 2.4.5 2.4.6 2.5.2 2.5.3 2.5.4 2.5.5	RCC M25 RCC M25 (RCA) RCC M30 RCC M 35 RCC M 40 RCC M 25 RCC M 30 RCC M 35 RCC M 40 RCC M 25 RCC M 30 RCC M 35 RCC M 40 RCC M 25 RCC M 30 RCC M 35 RCC M 40	m ³	0.90	0.45	
7	1	3.1	Cement Mortar (1:1)	m ³		0.7125	
8	1	3.2,3.7	Cement Mortar (1:2)	m ³		0.95	
9	1	3.3,3.8	Cement Mortar (1:3)	m ³		1.07	
10	1	3.4,3.9	Cement Mortar (1:4)	m ³		1.07	
11	1	3.5,3.10	Cement Mortar (1:5)	m ³		1.07	
12	1	3.6,3.11	Cement Mortar (1:6)	m ³		1.07	

Note : Royalty Constants to be considered in Works as per above table for which Royalty has to be deducted. Royalty is exempted when the material dispatch receipt is issued by Mines & Geology Department.

IV. MATERIAL CO-EFFICIENTS

Sl. No.	Item of Work (Short Specifications)		Unit	Co-efficient		
				Jelly Metal / Stone	Sand	Moorum / Soil
1	4.13/4.14 (i) b	WBM Gr I with Screenings Type A with Binding material	m ³	1.37		0.08
2	4.13/4.14 (i) c	WBM Gr I with Screenings Type B with Binding material	m ³	1.45		0.08
3	4.13/4.14 (i) a	WBM Gr I with moorum as screening	m ³	1.21		0.29
4	4.13/4.14 (ii) a	WBM Gr II with moorum as screening	m ³	1.21		0.29
5	4.13/4.14 (ii) b	WBM Gr II with Screenings Type B with Binding material	m ³	1.45		0.08
6	4.17	Wet Mix Macadam (WMM)	m ³	1.41		
7	4.1, 4.2	Granular Sub Base (GSB)	m ³	1.35		
8	1.8	Soil (Gravel) - Embankment works	m ³			1.15
9	5.14,5.15, 5.16,5.17	Bituminous Concrete (BC)	m ³	1.46		
10	5.31	Semi Dense Bituminous Concrete (SDBC)	m ³	1.43		
11	5.10,5.11, 5.12,5.13	Dense Bituminous Macadam (DBM)	m ³	1.44		
12	5.6,5.7,5.8,5.9	Bituminous Macadam (BM)	m ³	1.42		
13	5.19,5.20	OGPC:Mix Seal Surface (MSS:CGPC) Type A & B	m ²	0.027		
14	5.21 (i)	Seal Coat	m ²	0.009		
15	5.21(ii)	Seal Coat	m ²	0.006		
16	5.22	Mastic Asphalt	m ²	0.0276		
17	5.29	Bituminous Concrete using Waste Plastic	m ²	1.46		
18	5.35	Microsurfacing	m ²	0.008		
19	5.36a	BC with PMB Gr I	m ³	1.46		
20	5.36b	BC with PMB Gr II	m ³	1.46		
21	5.37	Stone Matrix Asphalt	m ³	1.43		

22	5.39	Open Graded Friction Course (OGFC)	m ³	1.48		
23	6.1	Dry Lean Cement Concrete	m ³	0.89	0.45	
24	6.2	Pavement Quality Concrete - M40 grade	m ³	0.90	0.45	
25	6.3	Dry Lean Cement Concrete- Fly Ash Based	m ³	0.89	0.45	
26	6.4	Thin White Topping	m ³	0.90	0.45	
27	6.5	Pavement Quality Concrete - M30 grade	m ³	0.90	0.45	
28	6.6	Plain Cement Concrete - M30 grade	m ³	0.90	0.45	
29	6.8.1	Interlocking Blocks - 60mm	m ²		0.035	
30	6.8.2	Interlocking Blocks - 80mm	m ²		0.046	
31	6.8.4	Interlocking Blocks - 100mm	m ²		0.046	
32	6.8.4	Interlocking Blocks - 100mm	m ²		0.045	
33	6.8.5	Permeable Pavers	m ²		0.035	
34	6.9	Prestressed Cement Concrete Pavement	m ³	0.90	0.45	
35	7.3	Laying Boulder Apron in Crates of Synthetic Geogrids	m ³	1.3		
36	7.6	Facing elements of RCC	m ²	0.16	0.08	
37	8.1	Cast in Situ Cement Concrete M20 Kerb				
	8.1a	a) PCC M15 grade for kerb base	m	0.03	0.015	
	8.1b	b) PCC M20 grade for kerb Cast in Situ	m	0.03	0.015	
38	8.2	Cast in Situ Cement Concrete M20 Kerb with Channel	m	0.03	0.015	
	8.2a	a) PCC M15 grade for kerb base				
	8.2b	b) PCC M20 grade for kerb Cast in Situ	m	0.04	0.02	
39	8.5	Retro-Reflectorised Traffic Signs as per IRC:67:2022 made of Class B Type IV				
		(i) 120 cm equilateral triangle	each	0.11	0.055	
		(ii) 90 cm equilateral triangle	each			
		(iii) 75 cm equilateral triangle	each			
		(iv) 60 cm equilateral triangle	each			
		(v) 120 cm circular	each			

		(vi) 90 cm circular	each	0.11	0.055	
		(vii) 75 cm circular	each			
		(viii) 60 cm circular	each			
		(ix) 90 mm x 75 mm rectangular	each			
		(x) 80 mm x 60 mm rectangular	each			
		(xi) 60 mm x 50 mm rectangular	each			
		(xii) 60 cm x 45 cm rectangular	each			
		(xiii) 60 cm x 60 cm square	each			
		(xiv) 120 cm high octagon	each			
		(xv) 90 cm high octagon	each			
		(xvi) 75 cm high octagon	each			
40	8.6	Retro-Reflectorised Traffic Signs as per IRC:67:2022 made of Class C Type XI				
		(i) 120 cm equilateral triangle	each	0.11	0.055	
		(ii) 90 cm equilateral triangle	each			
		(iii) 75 cm equilateral triangle	each			
		(iv) 60 cm equilateral triangle	each			
		(v) 120 cm circular	each			
		(vi) 90 cm circular	each			
		(vii) 75 cm circular	each			
		(viii) 60 cm circular	each			
		(ix) 90 mm x 75 mm rectangular	each			
		(x) 80 mm x 60 mm rectangular	each			
		(xi) 60 mm x 50 mm rectangular	each	0.11	0.055	
		(xii) 60 cm x 45 cm rectangular	each			
		(xiii) 60 cm x 60 cm square	each			
		(xiv) 120 cm high octagon	each			
		(xv) 90 cm high octagon	each			
		(xvi) 75 cm high octagon	each			

41	8.7	Direction and Place Identification Signs upto 0.9 m ² Size Board.	m ²	0.122	0.061	
42	8.8	Direction and Place Identification Signs with size more than 0.9 m ² size Board.	m ²	0.146	0.073	
43	8.16	Kilometer Stone				
	8.16(i)	5th kilometre stone (precast)	No	0.349	0.184	
	8.16(ii)	Ordinary kilometer stone (precast)	No	0.240	0.127	
	8.16(iii)	200 m stone (precast)	No	0.043	0.023	
44	8.18	Boundary pillar / Guard Stone	No	0.020	4.642	
45	8.22	Tubular Steel Railing on Precast RCC Posts	m	0.058	0.030	
46	8.23	Reinforced Cement Concrete Crash Barrier (New Jersey)				
	8.23(i)	M 25 grade concrete	m	0.06	0.03	
	8.23(ii)	M 30 grade concrete	m	0.40	0.20	
47	8.24	Reinforced Cement Concrete Crash Barrier (New Jersey) at the medians constructed with reinforcement cement concrete with TMT FE 550				
	8.24(i)	M 25 grade concrete	m	0.22	0.11	
	8.24(ii)	M 30 grade concrete	m	0.22	0.11	
48	8.25	Metal Beam Crash Barrier				
	8.25(i)	Type - A, "W" : Metal Beam Crash Barrier	m	0.23	0.12	
	8.25(ii)	Type - B, "THRIE" : Metal Beam Crash Barrier	m	0.23	0.12	
49	8.29	Cable Duct Across the Road				
	8.29(i)	Single row for one utility service	m	0.13	0.04	0.36
	8.29(ii)	Double row for two utility services	m	0.19	0.058	0.72
	8.29(iii)	Triple Row for three utility services	m	0.24	0.075	1.08
50	8.31	Rumble Strips	m ²	0.0071		
51	8.34 (iii)	Permanent Type Barricade in Construction Zone C) With bricks	each		0.09	3.64

52	8.42	Supplying and fixing M15 grade precast cement concrete Kerb stones ..	m			
	8.42.1	300 x 250 x 100 mm size	m		0.00086	
	8.42.2	600 x 200 x 100 mm size	m		0.00043	
	8.42.3	600 x 300 x 150 mm size	m		0.00086	
	8.42.4	900 x 250 x 150 mm size	m		0.00043	
	8.42.5	300 x 300 x 100 mm size	m		0.00107	
	8.42.6	600 x 300 x 100 mm size	m		0.00064	
	8.42.7	300 x 300 x 150 mm size	m		0.00171	
	8.42.8	300 x 200 x 150 mm size	m		0.00107	
53	8.48	Chevron Boards: Supply and installation of retro- reflective Chevron signboards	No	0.11	0.055	
54	8.54	Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period	No	0.24	0.127	
55	8.55	Providing and fixing RCC name board of size 1.35x0.60x0.04 m	No	0.29	0.17	
56	8.60.1	Pedestrian Crossings as per IRC 99-2018 using Bituminous Macadam (BM) Gr II and Semi Dense Bituminous Macadam (SDBC) Gr II				
	8.60.1(i)	Single lane with formation width of 5.75 m.	each	4.61		0.15
	8.60.1(ii)	Intermediate lane with formation width of 7.50 m	each	5.44		0.15
	8.60.1(iii)	Two lane for formation width of 9.00 m	each	6.15		0.15
57	8.60.2	Pedestrian Crossings as per IRC 99-2018 using Dense Bituminous Macadam (DBM) Gr II and Bituminous Concrete (BC) Gr II				
	8.60.2(i)	Single lane with formation width of 5.75 m.	each	4.73		0.15
	8.60.2(ii)	Intermediate lane with formation width of 7.50 m	each	5.59		0.15
	8.60.2(iii)	Two lane for formation width of 9.00 m	each	6.32		0.15

58	9.1	Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe				
	9.1(i)	First Class Bedding in Single Row. i) 1000 mm dia	m		0.0056	0.36
	9.1(ii)	First Class Bedding in Single Row. ii) 1200 mm dia	m		0.0072	0.40
	9.1(iii)	First Class Bedding in Single Row. iii) 1500 mm dia	m		0.0072	0.46
59	9.2	Laying Reinforced Cement Concrete Pipe NP4 / Prestressed Concrete Pipe on				
		First Class Bedding in Double Row. i) 1000 mm dia	m		0.0056	1.00
		First Class Bedding in Double Row. ii) 1200 mm dia	m		0.0072	1.10
		First Class Bedding in Double Row. iii) 1500 mm dia	m		0.0072	1.25
60	10.4	Filling Pot-holes and Patch Repairs with Open-Graded Premix surfacing, 20mm (using VG-30 Grade Bitumen)	m ²	0.027		
61	10.5	Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm (using VG-30 Grade Bitumen)	m ²	0.057		
62	10.15	Patching of Potholes				
	10.15(i)	Shallow Potholes using SDBC Gr II 25 mm thick	m ²	0.0365		
	10.15(ii)	Deep Potholes using WBM Gr II & SDBC Gr II 25 mm thick	m ²	0.14		
63	10.16	Removing & resetting cobble stones	m ²		0.04	
64	10.17	Resetting of Kerb Stones	No		0.00086	
65		Providing and Constructing Temporary Island 24 m diameter for Construction of Well Foundation for 8m dia. Well.				
	11.1A	Assuming depth of water 1.0 m and height of island to be 1.25 m.	No		36.58	565.48
	11.1 B	Assuming depth of water 4.0 m and height of island 4.5 m.	No		292.68	1356.00

66	11.1 C	Providing and constructing one span service road to reach Island location from one pier location to another pier location. Assuming span length 30 m, width of service road 10m and depth of water 1m	m		0.325	15.00
67	11.35	Pneumatic sinking of wells with equipment of approved design,	m ³	1.44	0.72	
68	11.36	Sand Filling in Wells complete as per Drawing and Technical Specifications.	m ³		1.20	
69		Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement				
	11.38	Pile diameter-750 mm	m	0.41	0.21	
	11.39	Pile diameter-1000 mm	m	0.74	0.37	
	11.40	Pile diameter-1200 mm	m	1.06	0.53	
	11.41	Pile diameter-1500 mm	m	1.65	0.83	
70		Driven cast-in-place vertical M35 grade R.C.C. Pile excluding Reinforcement				
	11.42	Pile diameter - 750 mm	m	0.398	0.199	
	11.43	Pile diameter - 1000 mm	m	0.707	0.353	
	11.44	Pile diameter - 1200 mm	m	1.018	0.509	
71		Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement				
	11.45	Pile Diameter = 500 mm	m	0.176	0.088	
	11.46	Pile Diameter = 750 mm	m	0.398	0.199	
	11.47	Pile Diameter = 1000 mm	m	0.707	0.353	
72		Driven precast vertical M35 grade R.C.C. Piles excluding Reinforcement				
	11.48	Size of pile - 300 mm x 300 mm	m	0.081	0.040	
	11.49	Size of pile - 500 mm x 500 mm	m	0.225	0.112	
	11.50	Size of pile - 750 mm x 750 mm	m	0.506	0.25	
73	12.3 A	Back filling behind abutment, wing wall and return wall complete including compaction				
	12.3 A	Granular material	m ³			1.20
	12.3 B	Sandy material	m ³		1.20	

74	12.4	Providing and laying of Filter media with granular materials/stone crushed aggregates	m ³	1.20		
75	13.2 A	Providing and laying Cement concrete wearing coat M-30 grade including reinforcement	m ³	0.9	0.45	
76	13.3	Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab	m ²	0.0134		
77	13.4	Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm,	m	0.077	0.038	
78	13.5	Construction of RCC railing of M30 Grade in-situ with 20 mm nominal size aggregate	m	0.077	0.038	
79	13.8	PCC M15 Grade leveling course below approach slab.	m ³	0.89	0.45	
80	13.9	Reinforced cement concrete M30 grade for approach slab.	m ³	0.90	0.45	
81	13.11	Precast - pretension Girders	m ³	0.90	0.45	
82	13.13 A	Crash Barrier for Bridges (Height 950 mm)	m	0.228	0.114	
83	13.13 B	Crash Barrier for Bridges (Height 1100 mm)	m	0.268	0.134	
84	13.13 C	Crash Barrier for Bridges (Height 1550 mm)	m	0.463	0.232	
85	13.15 (iv)	Providing and filling joint sealing compound.	m		0.01	
86	13.16	Providing and laying of asphaltic plug joint to.	m	0.0625		
87	14.1	Providing and laying boulders apron on river bed for protection against scour with stone boulders.	m ³	*1.2		
88	14.2	Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh (weaved diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 40 kg each. Boulder Apron Laid in Wire Crates	m ³	*1.2		

89	14.3	Providing and laying of apron with cement concrete blocks of size 0.5x0.5x0.5 m.	m ³	0.89	0.45	
90	14.4 A	Providing and laying Pitching on slopes laid over prepared filter media..	m ³	*1.2		
91	14.4B	Cement Concrete Blocks of size 0.3x0.3 x0.3 m cast in cement concrete of Grade M15	m ³	0.89	0.45	
92	14.5	Providing and laying Filter material underneath pitching in slopes.	m ³	1.2		
93	14.7 A	Toe protection Rubble Stone laid in CM 1:3	m ³	0.296/ 1.2*	0.29	
	14.7 B	Toe protection Cement Concrete Blocks	m ³	1.186	0.60	
	14.7 C	Toe protection Dry Rubble Flooring	m ³	1.2*		
94	14.8 A	Curtain wall complete as per drawing and Technical specification Stone masonry in cement mortar (1:3)	m ³	1.26*	0.33	
	14.8 B	Cement concrete Grade M15	m ³	0.89	0.45	
95	14.9	Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall.	m ³	1.20*		
96	14.10	Providing and construction of a gabion structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m	m ³	1.20*		
97	14.11	Providing and constructing gabion structures for erosion control, river training works and protection works with wire crates of size 2 m x 1 m x 0.3 m each	m ³	1.20*		
98	14.12	Providing and making gabion structure with mechanically woven Double twisted Hexagonal shaped wire mesh Gabion Boxes ..	m ³	1.00*		
99	14.13	Embankment Erosion Protection using Fine Aggregates Concrete Filled Fabric Foam Mattress system	m ²	0.09	0.045	
100	15.3	Guniting concrete surface with cement mortar.	m ²		0.04	

101	15.5 B	Sealing of cracks/porous concrete by injection process.	kg		0.387	
102	15.9	Removal of defective concrete.	m ²	0.15	0.15	
103	15.17	Replacement of Expansion Joints complete	m	0.27	0.135	
104	15.21	Repair of concrete crash barrier with cement concert of M-30 grade	m	0.027	0.035	
105	15.22	Carrying out repair of RCC M30 railing.	m	0.009	0.0045	
106	16.10	Granular Sub Base Grading-III	m ³	0.23	0.23	0.74
107	16.11	Mix Seal Surfacing Manual Means	m ²	0.027		
108	16.12	Open Graded Premix Carpet Manual means	m ²	0.027		
109	16.13	Seal Coat	m ²	0.006		
110	16.14	Roller Compacted Concrete Pavement	m ³	0.90	0.45	
111	16.18	Maintenance of WBM Roads	m ²	0.07		
112	16.27	M20-grade PCC	m ³	0.90	0.45	
113	16.28	M30-grade PCC	m ³	0.90	0.45	
114	16.35	Soil Stabilization Nano Technology	m ³	0.36		0.70
115	16.37	Cell Fill Cement Concrete M-30	m ²	0.1	0.045	
116	16.38	Mix Seal Surface using 8% Waste Plastic	m ²	0.027		
117	16.39	Open Graded Premix Carpet using 8% Waste Plastic	m ²	0.027		