



White Topping on Selected Roads in Bangalore City under Phase-2, Package-1



PROJECT DETAILS

Name of Work:	:	White Topping of selected roads in Bengaluru city under Phase-2 Package-1
Contract Price:	:	Rs. 210.25 Crores
Name of the Agency:	:	M/s. SNC Pvt. Ltd.
Work Order No. & Date:	:	EE/PC-2/WO/07/2018-19 Dated: 10.12.2018
Name of PMC	:	M/s. Alcon Consulting Engineers (India) Pvt. Ltd
Probable Date of Completion	:	09.03.2021
Physical Progress	:	48.00%
Financial Progress	:	23.00%
Contract Period	:	15 Months
Defect Liability Period	:	24 Months
Maintenance Period	:	36 Months

ROADS DETAILS

1	Kempapura Main Road from NH-7 to Coffee Board Layout.	0.680 Km
2	24th cross road of Sahakaranagar from Kodigehalli main road to Railway New RUB.	1.10 Km
3	Banaswadi main road from Banasawadi ROB to ORR (Horamavu Junction)- 1.71 Km.	1.71 Km
4	1st main road of Sahakaranagar Kodigehalli main road to NH-7 at Big Market.	1.35 Km
5	1st main road of Sahakaranagar Kodigehalli main road to NH-7 at Big Market.	1.80 Km
6	CMR Road from 7th main 80 feet road to Hennur Teachers Academy (4th cross road Hennur MR to 7th main road).	1.34 Km
7	Kanakanapalya main road to Dead End.	0.59 Km
8	Madhavan Park to Hosur Road via Ashoka Pillar and Lalbagh Siddapura Circle.	1.86 Km
9	P. Kalingrao road from N.R. Square to Richmond Circle	0.750 Km
10	Gandhi Bazaar Road from Ramakrishna Ashrama to Tagore Circle-0.75 K0.75 Km.	0.750 Km
Total Length		11.93 Km

Brief Details of the Project

Bruhat Bengaluru Mahanagara Palike has proposed to take up the White Topping on Selected Roads in Bengaluru City under Special Infrastructure Projects Grants. The Asphalted or Blacktopping roads found commonly in the city of Bengaluru have an expected life span of 5 years. The arterial roads which have been maintained by BBMP were in need of maintenance/ rehabilitation due to wear and tear from heavy traffic during peak hours. Also, drainage is also the major cause of concern in rainy season which is affecting the life of pavement in terms of structural failure. Hence in order to overcome the failure, the white topping is the suitable proposal without disturbing the overall pavement structure.

Hence to prevent the formation of potholes and to provide roads offering better ridability, major roads need to be White Topped. The White topping roads are expected to last up to 15-20 years. White topping is a cement concrete overlay on an existing bituminous pavement.



SCOPE OF THE PROJECT

1	Carriageway improvement	:	Providing of White Topping with M40 Grade Concrete.
2	Buffer / Parking Zone	:	100mm heavy duty cobble stone with necessary width if required in any roads.
3	Footpath	:	60mm heavy duty cobble stone, min of 1.5m to 2.5m width including Drain.
4	RCC Drain	:	Construction of RCC Drains Both sides and De-Silting of Drains in some roads.
5	Culverts	:	Necessary No's as per site conditions.
6	HDPE Pipe	:	Necessary No's as per request from BESCO and OFC.
7	Cross - Duct	:	Necessary No's as per request from BESCO and BWSSB.
8	Traffic Appurtenances	:	Lane Marking, Sign Boards, Road Studs and Fixed medians.
9	Electrical	:	LED lighting along with poles as per provision made in Estimates.
10	Other Provision	:	Tree pits, Rain Water Harvesting Pits, Bus Bays and Parking Bays.