

KSCST - RWH Cell Programmes

Project Highlights

Project Name : **Rainwater Harvesting at Bangalore Metropolitan Transport Corporation, Yelahanka New Depot, Bangalore**

Project designed and proposed by : **Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore.**

RWH site address **Yelahanka, Doddaballapura Road, Bangalore**

Contact Person : **The Chief Civil Engineer, BMTC Engineering Department, KH Road, Bangalore 560 027. 080 2295 2550, 2295 2571 Mr. Nagaraj, AEE 99456 70183**

Annual Rainfall : **1060mm.**
Area of the campus (8 acers) : **32,375 sq mt.**
Potential annual rainwater from the campus : **34,314 kilo liters**
Effective roof area : **904 Sq mt.**
Potential annual rainwater from the roof : **9, 60,000 lts.**

Components of the Project:

- 1. Underground Sump – 50,000 liters.**
- 2. Surface tank - 10,000 liters**
- 3. Silt trap – 3 no.**
- 4. Filter bed – 18 Cft**
- 5. Oil and Grease trap – 90 Cft**
- 6. Inspection chambers – 2 no.**
- 7. Piping and accessories**
- 8. Modifications on Open well**

Total cost of the project : **Rs.5, 34,000/-**