

No: DULT/132/ADM/2012-13

Date: 27-11-2012

Sir,

**Sub: Proceedings of the meeting held to discuss on "Implementation of Commuter Rail System for Bangalore" held on 17<sup>th</sup> November 2012**

Undersigned is directed to circulate the proceedings of the meeting of **Implementation of Commuter Rail System for Bangalore" held on 17<sup>th</sup> November 2012 at 4.30 PM** under the chairmanship of Principal Secretary to Government, Urban Development Department for your kind information and further needful action.



[Shailender Singh]  
Special Officer

Directorate of Urban Land Transport  
Urban Development Department

Encl: Proceedings

O/C

To, 12/27/12  
The Additional Chief Secretary to Government, Finance Department, Vidhana Soudha, Bangalore

1/27/12  
The Principal Secretary to Government, Revenue Department, MS Building, Bangalore

27/11/12  
The Principal Secretary to Government, Commerce and Industries Department, Vikasa Soudha, Bangalore

27/11  
4. The Secretary to Government, Infrastructure Development Department, Vikasa soudha, Bangalore

5. The Managing Director, Bangalore Metro Rail Corporation Limited, Bangalore

6. The Divisional Railway Manager, SWR, Bangalore

27/11/12  
Sri G.S Kulkarni, Director (Technical Cell), Commerce and Industries Department, Vikasa Soudha, Bangalore

8. Sri B.S. Sudhir Chandra, Director (P & P), Bangalore Metro Rail Corporation Limited, Bangalore

9. Sri N.P Sharma, Chief Engineer, Bangalore Metro Rail Corporation Limited, Bangalore

10. Sri Praveen Pandey, Sr. DOM, SWR, Bangalore

11. Sri Ramesh, Sr. DCM, SWR, Bangalore

12. Sri Hari Babu, Sr. Divisional Engineer, SWR, Bangalore

13. Sri K. Venkateshwara Rao, IRSE, General Manager (T&E), M/s RITES Ltd, 21<sup>st</sup> Floor, Swapnalok Complex, S.D Road, Secunderabad-500 003

Proceedings of the meeting held to discuss Implementation of Commuter Rail System held on 17.11.2012 at 4.30 PM in Meeting Hall no. 422, 4<sup>th</sup> Floor, Vikasa Soudha, under the Chairmanship of Principal Secretary, UDD, Government of Karnataka.

#### List of Officers present as per Annexure

At the outset, the Commissioner, DULT welcomed the Principal Secretary, UDD; Managing Director, BMRC; Divisional Railway Manager, SWR and other senior officers present in the meeting. Subsequently, a presentation was made by the DULT personnel on the salient aspects of the report on "Comprehensive Assessment of Rail Facilities and Requirements for Implementation of Commuter Rail System in Bangalore City", submitted by RITES.

The Report identified the four major commuter rail sections based on the potential demand for the Year 2021 conditions

- Baiyyappanahalli – Hosur Section :- Demand of around 32 percent
- Yeshvanthpur – Tumkur Section :- Demand of around 14 percent
- Bangalore – Mandya Section :- Demand of around 13 percent
- Yelahanka – Chickballapur Section :- Demand of around 11 percent

Based on the existing railway infrastructures available capacity and future requirements for the implementation of commuter rail system the Report has phased the implementation of commuter rail system in four phases. The table below shows the investment cost under each phase along with the services that can be introduced and the demand served under each phase.

Phase	Investment (in Crores of Rupees)	Potential (Services that can be additionally introduced)	Additional Services proposed to be introduced	Commuter trips per day at the end of each phase (Cumulative in Lakhs)
1A	173	14	24	1
1	3331	330	172	3
2	2251	320	94	13.5
3	2504	NA	NA	25

The phase-1A includes procurement of 5 MEMU rakes and introduction additional new services along Bangalore – Bangarpet and Bangalore – Mysore sections, since these sections are double track electrified lines.

The Phase -1 includes development of railway infrastructure requirements along the maximum demand CRS sections i.e. Yeshwanthpur- Baiyyappanahalli-Hosur section, Yeshwanthpur – Tumkur section and Yeshwanthpur-Chikaballapur section for the introduction of additional services. The Phase-1 would cater to the 62% of the estimated Year 2021 demand (8.4 lakh of the total 13.5 lakh demand).

The major railway infrastructure improvements under phase -1 includes doubling, electrification, automatic signaling, procurement of rakes and SBC Yard remodeling.

Phase -2 includes all remaining sections for full-fledged implementation of CRS in Bangalore. The major railway infrastructure improvements under phase -2 also include doubling, electrification, automatic signaling and procurement of rakes and would cater to 38% of the estimated Year 2021 demand (5.1 lakh of the total 13.5 lakh demand)

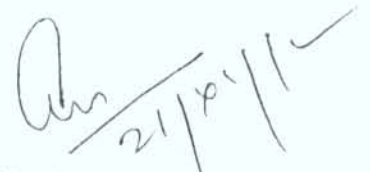
Phase -3 includes introduction of additional halts in the CRS network and increase capacity through increase in the length of rakes to 12 and 15 coaches.

The recommendations made in the report were discussed in detail and the following decisions were taken:

- A proposal shall be moved by DULT for the acquisition of the Binny mill land for the purpose of creation of infrastructure for the Commuter rail system.
- For the Phase 1A, which includes procurements of 5 MEMU rakes and development of 1 pit lines at Baiyyappanahalli and 2 pit lines at Yeshwanthpur, should also include the Bangalore and Tumkur line as an option scenario. The Bangalore –Tumkur line is currently a double line and the additional capacity available due to recent doubling and added capacity after electrification of lines need to be included under this scenario.
- RITES should examine the provision of maintenance facilities etc for the new rakes that are proposed to be inducted in Phase 1A.
- It was also suggested that platform requirements for MEMU operations, extension of existing 4 MEMU/DEMU rakes from 8 coaches to 16 coaches could be examined.
- It was also decided that the Railways would communicate any comments that they may have on the report to DULT within a week.
- For the Bangalore and Hosur corridor, densification of the corridor should be planned through controlled development implemented through BDA Master Plan. The BDA should be one of the stake holders for the CRS. The provision of intermediate stations

along the corridor and Transit Oriented Developments at the station areas should be included as part of the plan.

- The report should analyze various options for institutional arrangements and financing mechanisms for the implementation of the project.
- It was decided that once an updated report is submitted by RITES, the proposal would be processed for further action at the Government level by DULT.



**[Dr. Amita Prasad, IAS]**

Principal Secretary to Government  
Urban Development Department

**Officers present in the meeting on “Commuter Rail System for Bangalore”  
held on 17-11-2012 at 4.30 PM**

1. Dr Amita Prasad, IAS, Principal Secretary to Government, Urban Development Department – In Chair
2. Ms. V. Manjula, IAS, Commissioner, DULT & E/o Principal Secretary to Government, Urban Development Department, Bangalore
3. Sri N. Sivasailam, IAS, Managing Director, Bangalore Metro Rail Corporation Limited
4. Sri K.V Rama, Deputy Secretary, Infrastructure Development Department, Bangalore
5. Sri G.S Kulkarni, Director (Technical Cell) Commerce & Industries Department
6. Sri B.S. Sudhir Chandra, Director (P&P), Bangalore Metro Rail Corporation Limited
7. Sri Anil Kumar Agarwal, Divisional Railway Manager, SWR, Bangalore
8. Sri N.P Sharma, Chief Engineer, Bangalore Metro Rail Corporation Limited
9. Sri Praveen Pandey, Sr. DOM, SWR, Bangalore
10. Sri V. Hari Babu, Sr. Divisional Engineer, SWR, Bangalore
11. Sri N. Ramesh, Senior DCM, SWR, Bangalore
12. Sri K. Venkateshwara Rao, IRSE, General Manager (T&E), M/s RITES Ltd
13. Sri B.S.R Sheshagiri Rao, Senior DGM, M/s. RITES Ltd
14. Sri Satya Sai Kumar, Team Leader, CiSTUP, Bangalore
15. Sri T.R Renuka Prasad, Assistant Executive Engineer, Bangalore Metro Rail Corporation Limited

14. Sri Sheshagiri Rao, Sr. DGM, M/s RITES Ltd, 214, 2<sup>nd</sup> floor, Swapnalok Complex, S.D Road, Secunderabad-500 003
15. Prof T.G Sitharam, CiSTUP, Bangalore
16. Sri Satya Sai Kumar, Team Leader, CiSTUP, Bangalore
17. Sri T.R Renuka Prasad, Assistant Executive Engineer, Bangalore Metro Rail Corporation Limited, Bangalore

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1. PS to Principal Secretary to Government, Urban Development Department for kind information

27-11-12