



GOVERNMENT OF KERALA

Abstract

PWD – Monorail Project at Kozhikode – Detailed Project Report approved – Administrative Sanction for Phase I accorded – Orders issued.

PUBLIC WORKS (H) DEPARTMENT

G.O.(Ms)No.72/2012/PWD

Dated, Thiruvananthapuram, 09.10.2012.

Read:- 1. Letter No. 1966/KRFB/2012, dated 20.06.2012 from the Chief Executive Officer, Kerala Road Fund Board.
2. G.O.(Rt)No.1755/2011/PWD dated 15.12.2011.

ORDER

CE & B
The present public transport system in Kozhikode is inadequate to address the needs of the public. Hence government decided to set up a Mass Rapid Transport System (MRTS) in the city. The Kerala Road Fund Board was tasked to conduct a feasibility study of introducing such a System. Kerala Road Fund Board engaged M/s Wilbur Smith Associates to conduct a feasibility study, which was completed in December 2010. The consultant proposed a monorail system from Medical College Junction to Ramanattukara for a length of 23 Kms and recommended to take up the 13 Kms from Medical College Junction to Meenchanda with 14 stations as Phase I of the project. As per G.O.(Rt)No.1755/2011/PWD, dated 15.12.2011, Kerala Road Fund Board was entrusted with the implementation of the Project in Kozhikode City.

2. Kerala Road Fund Board entrusted the task of preparation of Detailed Project Report (DPR) for the first phase of Monorail Project to Delhi Metro Rail Corporation (DMRC). Accordingly, DMRC prepared the DPR for the project from Medical College junction to Meenchanda touching Kozhikode railway station. It was also proposed that the depot of the project would be shifted to the vacant land near the Pain and Palliative Clinic of the Medical College. The length of the proposed monorail extends to 14.2 Kms with the following 15 stations:-

1. MC Hostel
2. Medical College
3. Chevayur
4. Thondayad
5. Kottuli
6. New Bus Stand
7. KSRTC
8. Mananchira
9. Palayam
10. Railway Station
11. Pushpa
12. Kallayi
13. Panniyankara
14. Vattakkinar
15. Meenchanda

3. The alignment of the Monorail will be along the middle of the PWD roads and will be fully elevated. Stations and platforms will be above the road. All stations will have elevators and the stations at Medical College, Mananchira and Railway Station will have escalators. The trains will consist of 3 cars with a carrying capacity of 525 passengers. The trains will be driverless but may also be operated with drivers.

4. DMRC has estimated a requirement of 10.654 hectares of land for implementing the project, out of which only 1.582 hectares are private land. The balance 8.554 hectares are Government land and 0.518 hectares, Railway land.

5. The total power supply needed for the project is 5 MVA. Traction voltage will be 750 V (DC). There will be two receiving substations, one at the Depot and the other at Meenchanda.

6. The rolling stock, signalling, telecommunication, traction, turnouts and workshop facilities would be combined into a single contract package and global tenders invited for procurement. The project cost is estimated at Rs.1991 crores with taxes and duties, for completion by September 2015.

7. The Internal Rate of Return (IRR) of the project is 1.42% at a cost of Rs. 1991/- crores. The Economic Rate of Return (ERR) of the project is 15.92%.

8. Government examined the matter in detail and are pleased to accord Administrative Sanction for Phase I of the Kozhikode Monorail Project at an estimated cost of Rs. 1991 crores. The DPR for Phase I of the project is approved subject to the following conditions:-

i) There will be a common Special Purpose Vehicle (SPV), namely KERALA MONORAIL CORPORATION for the implementation of Kozhikode and Thiruvananthapuram monorail Projects, with the following members in the Board of Directors:-

Chief Minister	Chairman
Minister (Works)	Vice Chairman
Minister (Industries & IT)	Director
Minister (Power & Transport)	"
Minister (Finance, Law & Housing)	"
Minister (Urban Affairs, Minority Welfare)	"
Minister (Panchayat & Social Welfare)	"
Minister (Health & Devaswoms)	"
Principal Secretary (Works)	"
Additional Chief Secretary (Transport)	"
Chief Executive Officer, Kerala Road Fund Board	"

9. Orders will be issued separately for the following:

- a). To impose 5% surcharge on fuel sold in Kerala for a period of 10 years for financing Mass Rapid Transport Projects.
- b). To exempt the project from all State Taxes and Duties.

(By order of the Governor),

R. KRISHNAKUMAR
Special Secretary to Government
(In charge of Principal Secretary)

To

1. The Chief Engineer (Roads & Bridges), PWD, Thiruvananthapuram.
2. The Chief Executive Officer, Kerala Road Fund Board, T.C.4/1654, Mayooram No.7, Belhaven Gardens, Thiruvananthapuram - 695 003.
3. The Managing Director, Kerala Monorail Corporation Limited.
4. The Principal Accountant General (A & E), Kerala, Thiruvananthapuram.
5. The Principal Accountant General (Audit), Karunakaran Nambiar Road, Thrissur.
6. The Additional Chief Secretary, Transport
7. The Principal Secretary, Finance Department
8. The Principal Secretary, Planning & Economic Affairs Department
9. The Principal Advisor, DMRC Camp Office, Perumbavayil House, Kuttikkad P.O., Ponnani, Malappuram
10. The Director of Information & Public Relations Department
11. General Administration (SC) Department
(vide item No.2302 & 2303 dated 03.10.2012)
12. Finance Department
(Vide U.O.No.56800/Ind&PW.B1/12/Fin, dated 28. 06.2012)
13. Planning & Economic Affairs Department
(Vide U.O.No.11544/A2/12/Plg, dated 06.08.2012)
14. Office copy/Stock File

Forwarded/By Order


Section Officer

Copy to: PS to Chief Minister
PS to Minister(Finance, Law & Housing)
PS to Minister(Power & Transport)
PS to Minister(Panchayath & Social Welfare)
PS to Minister (Works)
PS to Minister (Urban Affairs, Minority Welfare)
PS to Minister (Industries & IT)
PS to Minister (Health & Devaswom)
PA to Principal Secretary, Public Works Department
CA to Special Secretary, Public Works Department

i(a). Chief Executive Officer, Kerala Road Fund Board will be in charge of the Managing Director of the Kerala Mono Rail Corporation. A Chief Executive Officer will be appointed for managing the day today affairs of the Corporation later.

i(b). In addition, a Technical Expert in the field will also be inducted into the Board in due course.

ii). The administrative, financial and technical matters of the project will be decided by the Board of Directors. However, prior sanction of Government will be obtained for major policy decisions.

iii). The project will be structured in two stages. The first stage will consist of Land Acquisition and civil construction as a government initiative on the lines of "Vizhinjam Port" model. The second stage consisting of procurement of rolling stock, signalling, telecommunications, operation and maintenance will be implemented in Public-Private-Partnership (PPP) mode.

iv). The entire project, including civil construction works (Stage 1) and the selection of concessionaire for the PPP mode (Stage 2) will be executed through international competitive bidding.

v). DMRC may be engaged directly as a turn key consultant for the implementation of the project in a transparent manner. The SPV constituted for implementing the project will negotiate with DMRC, the detailed terms of reference covering scope of works, terms and conditions, deliverables and fee for executing the project as a turn key consultant. As mentioned earlier, the Board of Directors of the SPV will take all decisions on the administrative, financial and technical matters of the project, except those involving policy matters for which prior sanction from the Government will be obtained.

vi). The options of raising funds through bonds, domestic or foreign loans, Viability Gap Funding (VGF) or a combination of them will be explored for implementing the project.

vii). Government of India will be addressed to exempt the project from all Central Taxes and duties for a period of 3 years.

viii). If no exemption is granted as proposed above, then Government of India will be addressed to sanction a grant equivalent to 50% of the Central Taxes and duties applicable to the project. The balance 50% will be borne by the State Government.

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