

**PROJECT :-**

**Proposed Construction And Completion of Light Rail Transit (LRT) Infrastructure Works at Putrajaya, Malaysia**

**LOCATION :-**

Putrajaya, Selangor, Darul Ehsan

**CLIENT :-**

Putrajaya Holdings Sdn Bhd

**PROJECT COST :-**

RM 515 Million

**COMPLETION DATE :-**

March 2004

**Job Description :-**

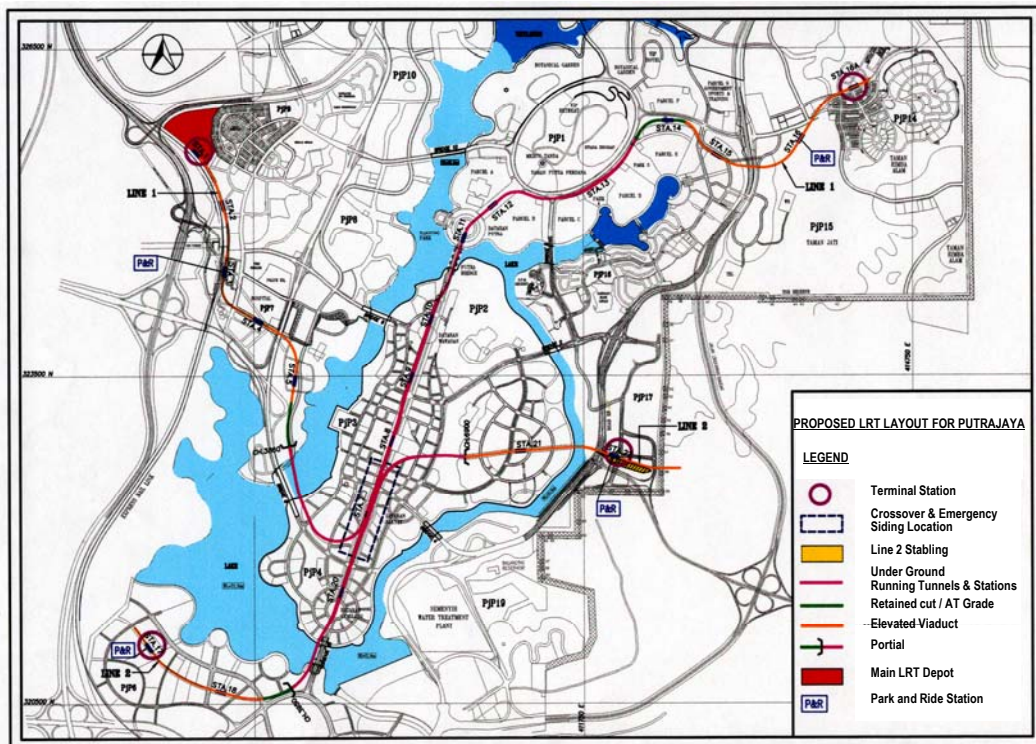
The Light Rail Transit (LRT) infrastructure works in Putrajaya is from Precinct 1 and passes through Prime Minister Office, Putra Bridge, Boulevard and then split into three lines and ends at Precincts 4 and 18. It comprises 7 numbers of stations and 8.173 km of tunnels. All the stations and tunnels are underground and were constructed by cut and cover method except the portion passing through the lake which was designed by immersing the tunnel in the water and supported on the bed of lake.

**The Design Works Include :-**

- Geotechnical investigation, design of the foundation and temporary works for the cut and cover construction.
- Structural design of all the underground tunnels, stations, underpasses, ventilation shafts etc.
- Sewerage and drainage design for the tunnels and stations.
- M&E design for all utility and service connections to the stations and tunnels including temporary mechanical and electrical provision for maintenance.

**SERVICES PROVIDED :-**

- Geotechnical Investigation and Foundation Design.
- Civil And Structural Detailed Design.
- Preparation of Tender, Detailed and As-Built Drawings.
- Construction Supervision.



**Light Rail Transit Infrastructure Works in Putrajaya**