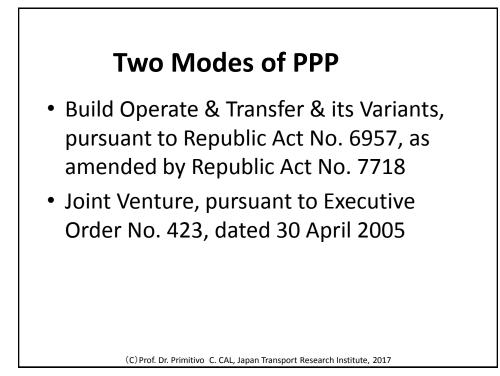
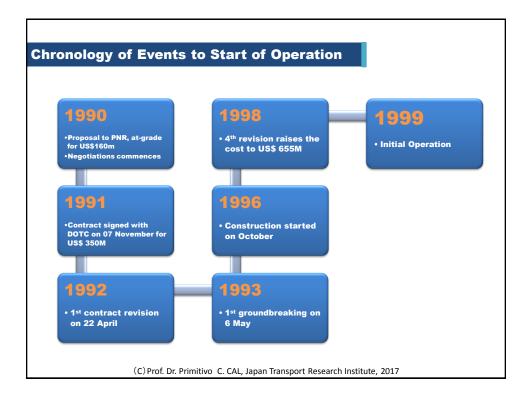


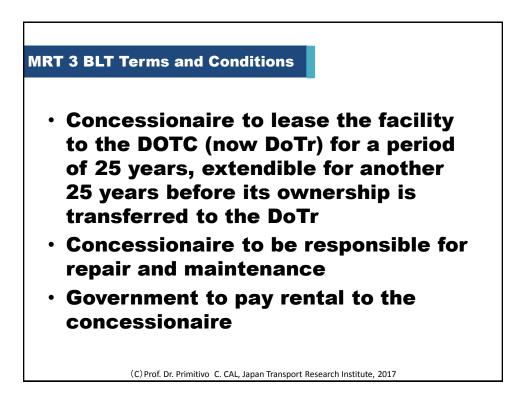
Item	Line 1	Line 2	Line 3	
Structure Type	Elevated track w/ PC-I beams	Elevated PC concrete box girder	Elevated & underground track with PC-I beams	
Route Length	13.9 kms+5km (north loop)	13.52 kms	16.9 kms	
No. of Stations	20	11	13	
Capacity	1,358 pax / train	1,628 pax / train	1,182 pax / train	
Max Speed	60 kph	80 kph	65 kph	
Scheduled Speed	38 kph	32.8 kph	30 kph	
Fare	Distance-wise; min PHP12; max PHP20	Distance-wise; min PHP\12; max PHP15	Distance-wise; min PHP10 max PHP15	
Travel Time	27.5 minutes	30 minutes	30 minutes	
Headway	112 sec. after Capex 2 projects	Min. 1.5 minutes	Min. 3 minutes	
Cost (USD Mil)	USD375, or USD25 per km (PHP3.5 billion as of 1982)	USD850 or USD61.6 per km	USD698 or USD41.3 per km	
ource: Preparatory Stu	idy for LRT Line 2 Ext. Project, JICA-LF	TA, 2011; Updates for Line 3 from 2012	Metro Rail Transit Index.	
Source: RTID, 2014				







1990	November: Preliminary negotiations between PNR and EDSA LRT 3 consortium
1991	February – March: Advertisement of invitation to bid, with deadline for submission of prequalification documents set to 1 April 1991 (25days) Five submitted PreQ documents: • ABB Trazione • Hopewell Holdings LTD • Marsteel International Corp • Mitsui and Co. Ltd with GEC Alsthom • EDSA LRT Consortium May 9, 1991: DOTC PBAC disqualified ALL, except EDSA LRT Consortium Contract signed 7 Nov 1991, revised on 28 Nov 1991, 27 Dec 1991, 9 Jan 1992, 28 February 1992, 22 April 1992, 06 May 1993, etc



## **Risks Allocation**

**Risk** = any activity, event or action which tends to cause a negative impact to the planned goals of project scope, quality, performance, execution time, or cost

TYPE OF RISKS	CONSORTIUM	GOVERNMENT
Market (ridership) – revenue sources and stability	None, because of the B-L-T scheme; can earn extra from property developments	DOTC as operator absorbs market as well as common carrier risks
Completion risk or project execution delay	Performance bond of US\$ 15 million, plus penalty	Was lenient in effective date of start
Foreign Exchange	Minimal	Repatriation assurance as well as payment in US \$ values
Financing Guarantees	Added assurance of revolving Letter of Credit for \$50m	Loans were guaranteed by the government
Technical standards	Provided the technical specs of LRVs, and can change the same	DOTC can object to changes within 14 days of notice

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ource: Preparatory Stu	ldy for LRT Line 2 Ext. Project, JICA-LF	TA, 2011; Updates for Line 3 from 2012	? Metro Rail Transit Index.	

Fares			
	MRT3	P1.65/km	
	Bus (No air conditioner)	P1.90/km	
	Bus (With air conditioner)	P2.26/km	
	(c) Prof. Dr. Primiting, C. CAL, Jaco	n Transport Research Institute, 2017	

