



# THE C5-MRT 10 PROJECT Presentation



NOVEMBER 2024

# Enhancing infrastructure priority development projects thru Public Private Partnership (PPP)



DEPARTMENT OF TRANSPORTATION



C5 MASS TRANSIT CORPORATION

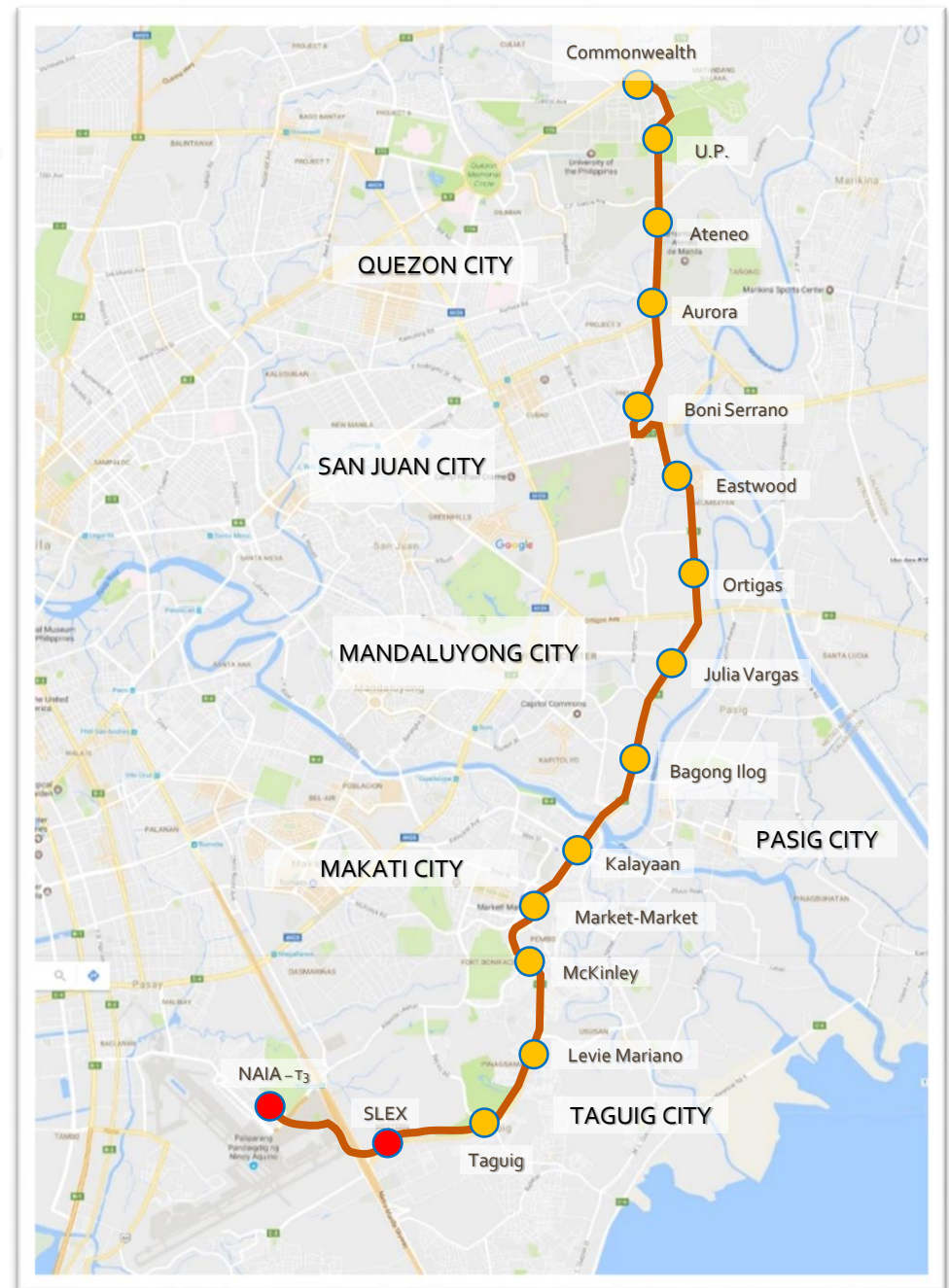
# The C5 MRT -10 Project

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- The proposed C5 MRT-10 Project is a 22.5-km mostly elevated metro rail transit system. The alignment traverses C5 Avenue from Commonwealth/Tandang Sora in Quezon City, passing the cities of Pasig, Makati, and Taguig and ending at NAIA terminal 3 in Pasay City.
- The Project will be implemented on the **Build-Transfer-Operate and Maintain (BTOM)** concept under the BOT Law (RA 6957) and its Revised IRR of October 2022.
  - ✓ The private sector shall finance, design, build, and supply the system. It shall immediately transfer the legal title over the assets to the Grantor upon its completion.
  - ✓ In exchange for the transfer of ownership over the project assets, the Grantor shall pay the proponent in the form of Availability Payment.
  - ✓ During the concession period, the proponent will be authorized to collect fares which will be shared with the government as provided in the Concession Agreement

# The Alignment

Item	Description
Line	Length – 22.5 km. (Commonwealth Avenue to NAIA T3)
	Double Track – Standard Gauge – 1,435mm
Stations	16 Stations (2 underground)
Alignment	Along C5 and Katipunan Avenue
Structure	Elevated Viaduct – 20.3 km Underground Tunnel – 2.2 km
Depot Area	20-25 Has.
Train	4-car train – DC750V (1400 passengers/train)
Estimated Travel Time	40 minutes (Loop Time - 1 hour & 20 minutes)
	Max speed: 70km/h
Minimum Headway	2 minutes (Peak hours)
Power	Overhead Catenary System (OCS)





# Travel Time

Commonwealth Avenue in Quezon City to NAIA Terminal 3 in Pasay City



- ❖ Using Public Utility Vehicles (PUV): 3.0 hours
- ❖ Using Private Vehicles: 2.5 hours
- ❖ Using C5 MRT-10 Project: 40 minutes



# Interconnection with other MRT System



The proposed C5 MRT - 10 Project will traverse in parallel with the existing MRT-3 Line along EDSA. This will give the passengers an alternative option to travel in the same area of Pasay, Makati, Pasig, and Quezon City.



The Project will also complement other existing (MRT-7 and MRT-2) and future (MRT-4 and MMSP) line through its passenger transfer facilities.





# Conceptual Designs - Stations

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The Station - Exterior



The Station Interior



The Station – Entry/Exit

# Conceptual Designs - Guideways

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Elevated Guideway

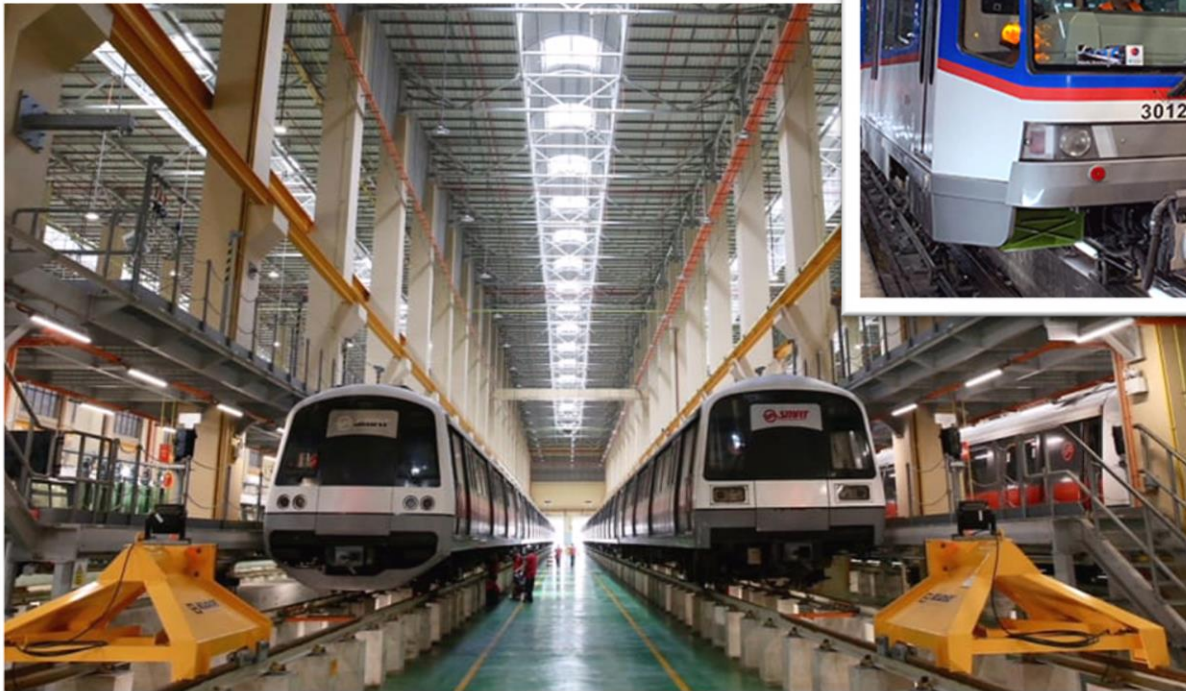
Underground/Tunnel Guideway





# Conceptual Designs – Depot Facilities

Light/Heavy Maintenance



Stabling Area

The depot will be designed to accommodate the ultimate storage and stabling capacity of 96, 4-car rail vehicles. The facilities among others are an OCC, light and heavy maintenance and storage, administrative offices, stabling tracks, and test tracks.

# Conceptual Designs – Rolling Stock

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# The Government's Benefits from the Project

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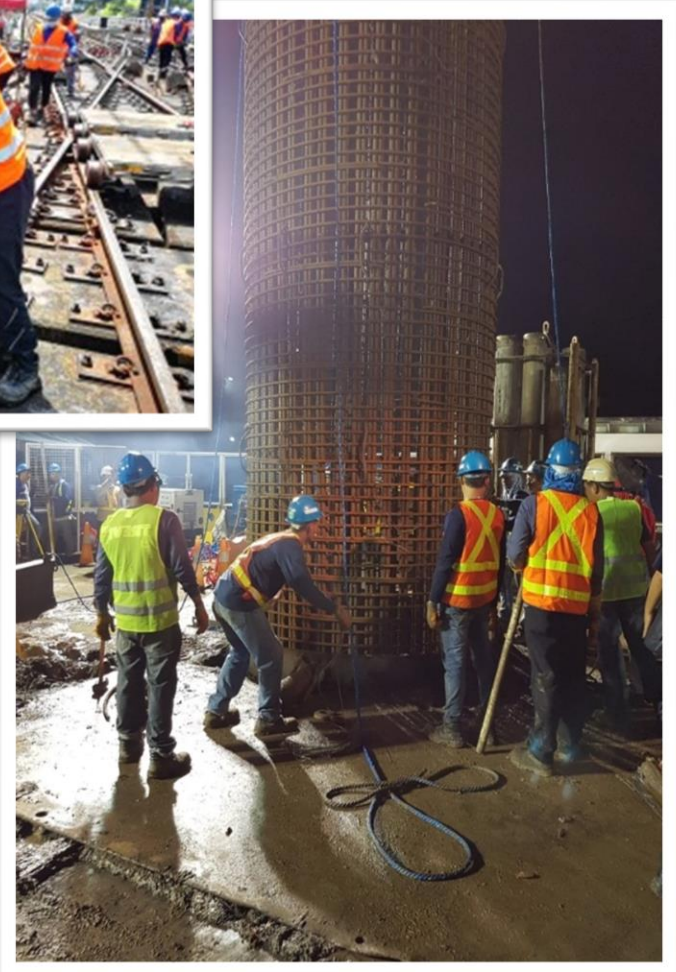
- Immediate ownership of the rail system upon completion.
- 30% Share in the income of net passenger revenue after O&M (estimated at an average of Php 11.2 billion per year and a total of Php 392.3 billion at the end of the concession period)
- Project Taxes (corporate and individual income taxes, VAT, etc.)
- Increased ridership to other rail systems
- Decongestion of Metro Manila and increase in land values within the Project Area.



# The LGU's Benefits from the Project

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- The Project can help ease traffic congestion and provide faster, more reliable, and more comfortable travel options for those who are working within and outside the City.
- Reduced commuting costs and travel time from Commonwealth Avenue in Quezon City to NAIA Terminal 3 in Pasay City.
- Opening up more commercial and business development opportunities between the areas of Pasig, Taguig, and Makati.
- Improving passenger transfers by creating interchange facilities with MRT 7 at Tandang Sora, LRT2 at Aurora Boulevard, and the Proposed MMSP (Manila Subway) at Taguig City, etc.
- Reduced air pollution and carbon emissions
- Employment opportunities for the city's qualified professional and skilled residents during the construction and operation period.
- Create additional tax revenues from salaried workers and commercial establishment operations within the stations.
- Increased property value around stations as they become more accessible and more convenient





# The C5 MRT-10 Status

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- The Original Proponent Status was awarded on June 28, 2018.
- An Updated Proposal was submitted to DOTr on February 15, 2024, in compliance with their comments and instructions.
- The proposal includes the following:
  - ✓ Updated Ridership Forecast
  - ✓ Updated Financial and Economic Model
  - ✓ Updated Conceptual Technical Drawings
  - ✓ Updated Feasibility Study
  - ✓ Updated Business Plan and Implementation Schedule
  - ✓ Updated Draft Concession Agreement
  - ✓ Updated Proponent's Company Profile
  - ✓ Job Creation Statement
  - ✓ Land Acquisition and Resettlement Action Plan
  - ✓ Value for Money Analysis
  - ✓ PTC and UPA Filled-up Forms

# The C5 MRT-10 Timeline

	Summary of Activities	Days	Start	End
1	Submission of the Updated Proposal		15-Feb-24	
	<b>DOTr Review and Proponent's response</b>	-	<b>On-going</b>	
	ICC-CC/NEDA Board Approval of ROR and Negotiation Parameters	90		
	Negotiation Period	30		
	Project Presentation to LGU's Council for no-objection resolution			
	Presentation to MMDA for the issuance of RDC-NCR Resolution			
	Approval of Results of Negotiation	20		
	Swiss Challenge (Publication, Bid Proper, Bid Evaluation and Right to Match)	190		
	Notice of Award	5		
	Contract Approval and Signing	20		
2	Environmental (Issuance of ECC)	210		
3	Financing (Due diligence/Financial Closing)	558		
4	EPC Works			
	Detailed Design and Engineering	180		
	Right-of-Way Acquisition	180		
	E & M (Design, Manufacturing, Installation)	1,038		
	Rolling Stock (Design, Manufacturing, Delivery)	1,063		
	Civil Works Construction (Stations, Guideway, Depot)	1,277		
	System Testing and Commissioning	710		
5	Revenue Service (Start of Operation)			





**Maraming Salamat Po!!!**

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