

The DOTC is inviting interested parties to participate in the **OPEN** and **TRANSPARENT** bidding process for the **P3.7 BILLION MRT 3 (YELLOW LINE) CAPACITY EXPANSION PROJECT.**



**DOTC**  
*Ligtas, Maaasahan at Abot Kaya!*

**INVITATION TO BID**

**P3.7B MRT 3 CAPACITY EXPANSION PROJECT**  
**LOT 1: PROCUREMENT OF 48 TRAIN CARS TO LESSEN PASSENGER CONGESTION**



Every day, almost 600,000 passengers take the 16.9-km MRT 3 train system that stretches from North Avenue to Taft Avenue. At present, the MRT 3 has a fleet of 73 train cars. During peak hours, it uses 3-car trains that arrive every 3 minutes. As such, there is an obvious lack of trains to meet the demand.

In line with the Government's commitment to provide **Convenient, Affordable, Reliable, Efficient, and Safe** transportation, the Department of Transportation and Communications (DOTC) will implement the MRT 3 Capacity Expansion (CAPEX) Project.

The CAPEX Project includes:

- 1) Purchase of Light Rail Vehicles (LRVs);
- 2) Upgrade of traction power substations and signaling system;
- 3) Installation of additional stabling tracks and catenary system in the depot; and
- 4) Improvement of depot maintenance equipment and workshops.

This Project shall be bidded out in two parts:

- Lot 1, which involves purchase of trains – Basic Train Configuration; and
- Lot 2, which involves the electromechanical works – Communications and Signaling System.

Under Lot 1 of the CAPEX Project, the DOTC will acquire an additional 48 LRVs that will then use 4-car trains that arrive every 2.5 minutes. This will enhance passenger convenience, improve reliability, reduce passengers' waiting time, and decongest crowded passenger platforms.

For further information, please refer to:

**U/Sec. Catherine Jennifer P. Gonzales**  
Overall Head, BAC Secretariat  
Address: **Unit 153, 15th Flr., Columbia Tower, Bgy. Wack-Wack, Ortigas Ave. 1555 Mandaluyong City, Philippines**  
Tel Nos.: (+632) 654-7725  
(+632) 727-7960 loc 235  
Facsimile No.: (+632) 654-7725  
E-mail Address: [bacsec@dotc.gov.ph](mailto:bacsec@dotc.gov.ph)  
Website: [www.dotc.gov.ph](http://www.dotc.gov.ph)

Postings from **22 February 2013** at the **PhilGEPS** and **DOTC Websites & Bulletin Board**, and advertised at the **Philippine Daily Inquirer, Philippine Star** and the **Manila Bulletin** on **22 February 2013**.

Approved Budget for Contract	: Php3,769,382,400.00
Issuance of Bid Documents	: 22 February – 22 March 2013
Date and Time of Pre-Bid Conference	: 07 March 2013, 08:00 AM
Date and Time of Deadline of Submission and Opening of Bids	: 22 March 2013, 9:00 AM
Cost of Bid Documents	: Php 75,000.00

**1 BASIC TRAIN CONFIGURATION**

To maintain commonality with the existing fleet, the trains shall be articulated vehicles and compatible with the existing systems of the MRT 3. Vehicle configuration, especially the doors, shall be similar to the existing LRVs. All the door-widths should be designed to minimize loading/unloading time.

The vehicle shall be designed to withstand the rigors of a railroad environment and supported on two axle bogies incorporating primary and secondary suspension systems. Bogies shall be designed to be fully interchangeable. The LRV shall be equipped with fully automatic couplers that are compatible with those on the existing fleet.

The interior design of the vehicles shall be aesthetically pleasing and reflect the current industry safety and design standards, including internationally accepted standards for noise levels.

Each train car shall be provided with a ventilation and air-conditioning (VAC) system complete with relative humidity control. The units shall be controlled independently such that if there is a failure in one unit, all other units will continue to operate normally.

The trains shall be supplied with redundant brake equipment for safety, such as electro-dynamic, mechanical, and track brake systems. The emergency system shall be fail-safe.

A modern three-phase alternating current propulsion system shall be provided, making it more workable with less maintenance.

The Contractor shall provide a Reliability, Availability, Maintainability and Safety (RAMS) file. One of the outputs of the RAMS file shall be the safety critical items list to be used during design, purchase, construction and maintenance phases including the logistic support (Documentation).

The trains shall be NFPA 130 compliant or equivalent. Fail-safe designs and crash-worthiness shall be according to international standards. The contractor shall use tried and tested materials applying successfully proven technologies.

The vehicle shall be designed to accommodate persons with disability, elderly and pregnant passengers. Wheelchair spaces should be provided for each vehicle.



The pictures and descriptions herein are provided for information only. It is the responsibility of the prospective bidders to determine the general characteristics and conditions of the project(s) and examine the technical specifications/terms of reference and project requirements in the Bidding Documents. In the event of a conflict or discrepancy between the information in this Invitation to Bid and the Bidding Documents, the information in the latter shall prevail.

- The DOTC-BAC will conduct a Pre-Bid Conference which shall be open to all interested parties.
- Bidders must have completed, within ten (10) years from the date of submission and receipt of bids, a contract similar to the Project they are interested in and the value of which must be at least equivalent to FIFTY (50%) of the approved budget for contract. The description of an eligible bidder is contained in the Bidding Documents.
- Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the Revised IRR of Republic Act No. (RA) 9184, otherwise known as the Government Procurement Reform Act.
- Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the Revised IRR of RA 9184.
- Interested bidders may obtain further information from DOTC-BAC and inspect the Bidding Documents at the address given below during weekdays only from 8:00 AM to 4:00 PM.
- A complete set of Bidding Documents may be purchased by interested bidders starting on 22 February 2013, weekdays from 8:00 AM to 4:00 PM, until before the deadline for the submission and receipt of bids, from the DOTC-BAC Secretariat at the address given herein and upon payment of a non-refundable fee for the Bidding Documents, per project as stated above.
- Bid documents may be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and from [www.dotc.gov.ph](http://www.dotc.gov.ph) provided that bidders shall pay the non-refundable fee for the Bidding Documents not later than the submission of their bids.
- The venue for the Pre-Bid Conference and submission and opening of bids shall be at the DOTC Multi-Purpose Hall, 16th flr., Columbia Tower, Ortigas Ave., Wack-Wack, Mandaluyong City. Bids will be opened in the presence of the bidders' representatives who choose to attend. Late bids shall not be accepted. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- DOTC-BAC reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

**NOTICE**  
**LTO MOTOR VEHICLE**  
**LICENSE PLATES PROGRAM**

In the Invitation to Bid (ITB) for the supply and delivery of the P3.85B Motor Vehicle License Plates published on 20 February 2013, the numbers 5,236,439 and 9,968,017 refer to the total estimated number of Motor Vehicle and Motorcycle Plates, respectively, and NOT the total amount in pesos of the plates. Please be guided accordingly.

**Chairman, Bids and Awards Committee**  
DEPARTMENT OF TRANSPORTATION & COMMUNICATIONS