

April 17, 2020

MEMORANDUM

TO : **MR. DOMINIC F. KABIGTING**
Manager, KMIT Division

SUBJECT : **STATUS OF LRT PROJECTS**

We are pleased to transmit to your office copy of the status of LRT foreign-assisted projects (FAP) and locally-funded projects (LFP) as of **March 31, 2020** for posting to our website.

Thank you.



ELEANORE T. DOMINGO
Manager, Planning Department

cc: **Engr. Fernando C. Quiambao**, Project Implementation Officer, Unified PMO
Ms. Maria Corazon S. Pascual, Manager, Budget & Financial Planning Division



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As of March 31, 2020

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION
1. LOCALLY-FUNDED PROJECTS			
1.1 LRT Rehabilitation Projects¹ Description: The project involves major repair/rehabilitation of existing lines 1 and 2 rolling stocks, systems, structures, and facilities such as repair of viaduct of the carriage way, rail replacement, replacement of parapet walls in between stations, replacement of gantry anchor bolts at LRT revenue lines, rehabilitation/repair of light rail vehicles (LRVs), etc.	National Government	Total: PHP 9,423.10 M	<p>From the total of eighty-nine (89)² CY2011-2020 Rehabilitation Projects, forty-eight (48) were already completed, nineteen (19) are on-going implementation, twenty (20) are still under Procurement Stage and two (2) are for finalization of Terms of Reference (TOR).</p> <p>Completed Projects in 2020</p> <p>1. Restoration of Fiber Optic Cable Communication Backbone at LRTA Line 2 (Completed on January 26, 2020).</p> <p>On-going Implementation</p> <p>1. Improvement of Line 2 Depot Offices (Revised Completion Date: March 17, 2020). Supply, delivery and installation of partitions and decommissioning was temporarily suspended due to lockdown. Actual accomplishment: 61.98%</p> <p>2. Repair of Unbonded Concrete Plinths of LRTA Line 2 Mainline - Phase 2 (Target Completion Date: July 19, 2019) The Contractor failed to provide components needed for fabrication. LRTA officially informed the contractor regarding the expiration of contract and issued Liquidated Damages (LD) to the contractor amounting to P545,843.81. Actual accomplishment: 55.0%. Work was suspended due to lockdown.</p> <p>3. Installation of Overhead Catenary System (OCS) Lighting Protection System- Phase II (Target Completion Date: August 16, 2019) Delivery of surge arrester was suspended due to lockdown. Actual accomplishment: 55.0%. Contractor was informed of Contract Expiration & LD amounting to Pnp452,191.83</p> <p>4. Supply, Delivery, Testing and Commissioning of OCS Truck (Revised Completion Date: Sept. 29, 2019) The contractor made some clarifications regarding technical specifications/requirements prior to production. LRTA informed the contractor regarding expiration of contract and LD. Actual accomplishment: 60.0%</p> <p>5. Restoration & Upgrading of Power Cables at Depot Stabling and Pureza Area (Revised Completion Date: April 22, 2020) Installation, termination of cables, and installation of switches activities are temporarily suspended due to lockdown. Actual accomplishment: 94.94%</p> <p>6. Rehabilitation of Fire Detection and Alarm System and Fire Suppression System (Completion Date: November 15, 2019. The contractor failed to comply with the Factory Acceptance Test (FAT). LRTA officially informed the contractor regarding contract expiration and LD. Work suspended due to lockdown Actual accomplishment 95.0%.</p> <p>7. Design and Build for the Improvement of Line 2 Stations and Facilities Project (Revised Completion Date: June 8, 2020) Renovation works on both the interior and exterior of the stations are suspended due to lockdown. Actual accomplishment: 74.86%</p> <p>8. Acquisition of Rail Grinding Machine (Equipped with Air-conditioning Control Cab) (Target Completion Date: July 15, 2020) Delivery of equipment was suspended due to lockdown. Actual accomplishment: 88.0%</p> <p>9. Acquisition of Rolling Stock Diagnostic Tools and Equipment (Target Completion Date: Jan. 31, 2019) Delivered on Feb. 28, 2019. Awaiting for the Final Acceptance and confirmation of Red Ribbon Certificate from PS-DBM. Under investigation of the LRTA Fact Finding Committee. LRTA officially informed the contractor regarding contract expiration and issued LD amounting to P9,133,200 as of January 20, 2020. Actual accomplishment: 89.0%</p> <p>10. Construction / Installation of Train Lift System (Revised Completion Date: November 22, 2019) Awaiting delivery. Actual accomplishment: 88.0%. LRTA officially informed the contractor regarding the expiration of contract and issued LD P1,767,050 as of January 20, 2020</p> <p>11. Replacement of Forty Five (45) Escalator Units at Mainline Stations (Revised Completion Date: January 31, 2020) Thirty-nine (39) out of forty-five (45) Escalator Units were installed with pending request for contract time extension. Accomplishment: 89.84%. Activities are temporarily suspended due to lock down.</p> <p>12. Upgrading of Wheel Lathe Machine (Target Completion Date: December 12, 2019. Delivery of materials, equipment and other needed accessories are suspended due to lockdown. LRTA officially informed the contractor regarding the expiration of contract and issued LD. Actual accomplishment: 85.0%</p> <p>13. Construction of Materials and Recovery Facility (MRF) at LRTA Line 2 Depot (Target Completion Date: Dec. 9, 2019) Concreting of slab on grade and preparation for steel column and other activities are suspended due to lockdown. LRTA officially informed the contractor regarding the contract expiration and LD. Actual accomplishment: 80.0%</p> <p>14. Upgrade of Exiting ICT Structure - 100% Physically completed. Awaiting for the Project Final Acceptance.</p> <p>15. Replacement of Communication Link and Upgrading of Interlocking Module of Line 2 Signaling System - Part 1 & Part 2 (Target completion date: September 3, 2020) Conducted initial survey and assessment. Work was suspended due to lockdown. Actual accomplishment: 12.0%</p> <p>16. Construction of Water Treatment Facility (Completion Date: May 14, 2020) Concreting works was suspended due to lockdown. Accomplishment 70.0%</p> <p>17. Upgrading of Stations UPS System (Phase 2) and Depot Electrical Rooms (Target completion date: April 21, 2020) Conducted Power Quality Analyzer was conducted. Activities was suspended due to lockdown. Actual accomplishment: 12.0%</p> <p>18. Systematic Replacement of Compressor Motor Control Unit (CMCU) (Target Completion Date: March 04, 2020) Delivered. Schedule for the actual inspection, verification, testing and functionality prior to acceptance was suspended due to lockdown. Actual accomplishment: 80.0%</p>

Note: ¹Total Project Cost of LRT Rehabilitation Projects were based on GAA CY2011-P889M, CY2013-P1 314B, CY2014-P727M, CY2015-P2 819B, CY2015-P977M, CY2016-P933M, CY 2018-P1 034M, CY2019-P1 418.5M, and CY2020-P961M. GAA

² Acquisition of New Trainsets and Consulting Services are inclusive in the total number of Rehabilitation Projects

LIGHT RAIL TRANSIT AUTHORITY
PROJECT STATUS REPORT
As of March 31, 2020

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION	
1.2 Acquisition of New Trainsets Description: This is a multi-year project that covers the design, delivery, testing and commissioning of fourteen (14) brand new trainsets complete with on-board signaling and communication equipment in anticipation of the operation of the LRT Line 2 extension projects. The new trainsets will increase train availability and capacity, improve headway as well as enable the flexibility in the scheduling of Rolling Stock maintenance to meet customer requirements and expectations for safe, fast and reliable LRT service.	National Government	Total Project Cost: PHP 11.353B Acquisition of New Trainsets GAA CY2018: 1.034B GAA CY2019: 25.405M Consulting Services GAA CY2019: 321.0M	Nov. 2020 - July 2024	Status: March 2020: Evaluation of Shortlisted Bidder's financial documents was temporarily suspended due to lockdown. February 2020: Shortlisted Bidder's financial documents under evaluation January 2020: Shortlisted Bidder's financial documents was scheduled for evaluation December 2019: On-going evaluation of Shortlisted Bidder's financial documents (Stage 2) - November 2019: On-going evaluation of eligibility of documents for short listing - October 2019: On-going evaluation of eligibility of documents for short listing (Stage 1) - September 6, 2019: Schedule for the Opening of Eligibility Documents for the Consulting Services - June 2019: Notice for interested bidders for the Consulting Services for the Acquisition of New Trainsets for posting in PhilGEPS and LRTA Website - February 20, 2019: Conducted pre-procurement conference. - January 19, 2019: Approved TOR. - March 2018: Approved by LRTA Board of Directors (Inclusion of the project in the LRTA Corporate Plan FY2019)
1.4 LRT Line 2 West Extension Projects Description: The project involves the design and construction of the extension for the existing LRT Line 2, with a total length of approximately 3.02 kms from the Recto station extending westward to the Pier 4 area including the turn back track. The three (3) proposed additional stations include: (a) Tutuban Station- located next to the Cluster Mall; (b) Divisoria Station-located west of the Recto Avenue and Asuncion Street Intersection; and (c) Pier 4 Station- located 50meters north of Zaragoza Street. The project will include right-of-way acquisition (ROWA), as well as procurement of additional electromechanical requirements including five (5) new 4-car rolling stocks.	National Government	PHP 10,118.46M (NEDA approved)	Aug 2019 - 3rd Qtr 2023 (excluding DLP)	<ul style="list-style-type: none"> ● Procurement of Consultancy Services for the Concept Design of Civil Works, Electro-Mechanical System (EMS) and Rolling Stock Status: <ul style="list-style-type: none"> - March, 2020: On-going implementation of Consultancy Services contract. DOTr Approved and concurred the Conceptual design of Viaduct, Stations, Performance specifications of EMS, Rolling Stock and Bidding Documents on March 4, 2020. - February 2020: On-going implementation of Consultancy Services contract. Physical Accomplishment: <u>3.51%</u> - January 2020: On-going implementation of Consultancy Services contract. Note: Initial fund requirement was downloaded/obligated by DOTr to LRTA through Memorandum of Agreement (MOA) dated: <ul style="list-style-type: none"> - January 29, 2019 Php608,000,000* (CY2018) - September 5, 2017 Php100,000,000* (CY2017) - September 5, 2017 Php1,119,993,000* (CY2016) - January 4, 2017 Php200,000,000* (CY2015) - TOR, POW and Approved Budget of the Contract (ABC) was already concurred by DOTr. - Acquisition of Environmental Compliance Certificate (ECC) is in process. - May 19, 2016: NEDA Board approved the Line 2 West Extension Project
*amounts are inclusive of DOTr's 1.5% Engineering and Administrative Expenses (EAE)				

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PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/IMPLEMENTATION	
2. FOREIGN- ASSISTED PROJECTS				
2.1 Line 2 East Extension Project (EEP)³				<p>Original: 2012 to 2016</p> <p>Revised: 2014-2017</p> <p>Revised: 2014-2020 (excluding DLP)</p> <p>ODA Portion: a. Consulting Services for Electro-Mechanical Contractor: CMX Consortium Scope: Preparation of Performance Specifications and Tender Documents, Construction Supervision, DLP Assistance. Status: On-going review and supervision of Package 3 activities, interfacing with civil works and assistance in the tendering of contractor Physical accomplishment: <u>77.52%</u></p> <p>b. Design and Construction of Electro-Mechanical Equipment - Package 3 Contractor: Marubeni-DMCI Consortium Scope: Track works, Electro-mechanical System and Integration with Existing Systems Status: - March 2020 On-going design and installation activities. - Physical Accomplishment: <u>55.61%</u></p> <p>Project History - July 4, 2019: NTP was issued to Marubeni-DMCI Consortium - February 6, 2019: Contract signing between DOTr and Marubeni-DMCI Consortium. - December 14, 2018: DOTr issued Letter of Acceptance (LOA) to the contractor signed by the DOTr Secretary. - April 2, 2018: Approval of results of bid price negotiation (DOTr/JICA)</p>
<p>Project background: Extension of the existing LRT Line 2 by 3.793km eastward from the existing Santolan Station at Marcos Highway, terminating at the intersection of Marcos Highway and Sumulong Highway. With two (2) additional stations proposed: (1) Emerald Station in front of Robinson's Metro East Mall and Sta. Lucia East Grand Mall in Cainta; and (2) Masing Station near the junction of Marcos & Sumulong Highway in Masing. Antipolo City.</p> <p>Objectives: The project aims to provide rapid and reliable mode of transit to the east of Manila, and to various strategic commercial, industrial, and educational districts in Metro Manila either through direct access from LRT Line 2 itself or through interconnections with other LRTs or modes of transport.</p>	National Government	<p>Total: PHP 9,511B GPH: PHP 6,398B GPH-ODA: PHP 3,113B (NEDA Approved)</p>		

Note: ³ Line 2 EEP budget is directly appropriated and released to DOTr. LRTA's role is Project Management only and all disbursements are for DOTr's account.

LIGHT RAIL TRANSIT AUTHORITY
PROJECT STATUS REPORT
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PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION	
2.2 Line 1 South Extension Project (SEP)² Project background: The project involves the extension of the existing 20.7 kms by an additional 11.7 km., of which approximately 10.5 km will be elevated and 1.2 km will be at-grade. The extension will start from the existing line's last station at Baclaran and will traverse the cities of Parañaque and Las Pinas in Metro Manila and reach the city of Bacoor. The implementation is through a Public-Private Partnership (PPP) Financing Arrangement scheme. The GOP/Public sector (PS) components shall be through Official Development Assistance (ODA) from Japanese International Cooperation Agency (JICA) and National Government Subsidy Appropriation. Objectives: The project seeks to (a) immediately provide safe, reliable and environment- friendly transportation services in metro Manila and the suburbs (b) immediately alleviate the worsening traffic condition in the Parañaque-Las Pinas-Cavite area and (c) catalyze commercial development around the rail stations.	National Government	<div>Original Total: PHP 61,527B GPH: PHP 5,318B ODA: PHP 20,041B PS: PHP 30,934B</div> <div>Revision1: Total: PHP 60,811B GPH: PHP 4,510B ODA: PHP 20,041B PS: PHP 30,934B</div> <div>Revision2: Total: PHP 64,915B GPH: PHP 7,551B ODA: PHP 17,799B PS: PHP 39,565B (NEDA Approved)</div>	<div>Original: April 2013 to April 2017</div> <div>Revised: 4th Qtr. 2017 to 4th Qtr. 2022</div>	<p>GOP Portion:</p> <p>1-A. Right-Of-Way Acquisition (ROWA) Status: Acquired 82.7% equivalent to 191 lots of the total required 231 private and public lots. Remaining lots are under negotiation and/or expropriation.</p> <ul style="list-style-type: none">- The Grantor paid the Philippine Reclamation Reclamation Authority (PRA) for the ROW acquisition of PRA lots -10 under Package 1 through the DOT on March 27, 2020- Basic ROWA: Acquired 83.7% equivalent to 175 out of 209 lots.- Additional ROWA: Acquired 72.7% equivalent to 16 out of 22 lots. <p>1-B. Identified Intermediate ROW (IROW) Status: Acquired 63% equivalent to 20 lots of the total required 32 target lots. Remaining 13 lots are ongoing negotiation or expropriation</p> <p>2. Utility Relocation</p> <p>a. Power (Meralco) : 27% completed - Continued with the relocation of the remaining utilities and securing permits from CIC and PRA. Meralco Facilities for critical areas for Dr. Santos/ Ninoy Aquino Ave of Package 1 has been relocated. Manpower relocation works on the critical areas for Roxas Blvd & Cavitec is on going.</p> <p>b. Telcos</p> <ul style="list-style-type: none">- September 26, 2019: Conducted Joint Inspection at Package 1 alignment by representative from DOT, LRMCA-EPC, LRTA & utility providers.- July 19, 2019: LRTA Board of Directors approved the five (5) TELCOS MOA (Globe/Bayantel, Skycable/Destiny, Eastern, Cabelink and Radius).b.1 PLDT - On-going relocation of utilities at Ninoy Aquino Ave. October 9, 2019: MOA between LRTA and PLDT was signedb.2 Radius - On-going relocation of utilities at Ninoy Aquino Ave.b.3 Cabelink - On-going relocation of utilities at Ninoy Aquino Ave. December 12, 2019: PMO issued letter to Cabelink requesting for Joint Pole Agreement with Meralco and other Telcos.b.4 Globe - MOA under review by Globeb.5 Eastern - On-going relocation of utilities at Ninoy Aquino Ave.b.6 Skycable - On-going relocation of utilities at Ninoy Aquino Ave.c. Water Line (Maynilad) PMO awaiting for LRMCA's concurrence of relocation plan before signing o MOA- January 7, 2020: Maynilad signed the MOA.- November 29, 2019: LRTA Board of Directors approved the MOA for secondary pipes between LRTA and Maynilad- October 1, 2019: Conducted re-tagging inspection with Maynilad-EPC-LRMCA-DOT-LRTA <p>3. Relocation of Informal Settler Families (ISFs) Status: 58.17% ISFs facilitated. Equivalent to 751 out of 1291 ISFs.</p> <p>a. Package 1 (585+166=751 ISFs) : 100% facilitated. An additional of 166 ISFs from Parañaque City affected by project alignment. A total of 638 ISFs were relocated to LRTA Relocation Site at Brgy. Santiago, Gen. Trias, Cavite.</p> <p>b. Package 2 (165 ISFs) and Package 3 (375 ISFs) : On-going submission of documentary requirements for qualification to Local Government and marking of boundaries along project alignment</p> <p>JICA ODA Component:</p> <p>1. Supply of 120 Rolling Stock LRVs for LRT Line 1 South (Cavite) Extension Project Status: Physical accomplishment as of February 2020: 32.89%</p> <ul style="list-style-type: none">On-going train manufacturing of Trainsets 1 & 2.- February 8, 2019: Mock-up 4th Generation LRV is currently stabled at EPCC site office.- October 20-27, 2018: Mock-up inspection of LRVs- March 1, 2018: Issuance of NTP to Mitsubishi <p>2. Expansion of Existing Depot at Bacalaran and Construction of New Satellite Depot at Zapote Status: Physical accomplishment as of February 2020: 27.10%</p> <ul style="list-style-type: none">- Zapote Satellite Depot: On-going civil work design and approval, site clearing and office/facilities set-up. Physical Accomplishment: 33.40%- Bacalaran Depot Expansion: On-going form works, rebars and concreting of OCS foundation at Area 1. Physical Accomplishment: 14.17%- Administrative Building Renovation: On-going demolition of existing wall and parapet, and removal of roof sheets at Area 1 & 2. Physical Accomplishment: 18.81%- Depot Maintenance and Equipment: On-going Detailed Final Design. Physical Accomplishment: 5.20%

LIGHT RAIL TRANSIT AUTHORITY
PROJECT STATUS REPORT
As of March 31, 2020

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION
			<p>Private Sector Component</p> <p>Concessionaire: LRMCC</p> <p>Project Component: Cavite Extension Works (CEW) comprised of Civil Works (Viaduct and Stations), EMS Works, etc.</p> <p>Implementation Schedule: June 30, 2017 - November 30, 2022 (1468 CD)</p> <p>Status: On-going preparation of Station Design, Superstructure & System Infrastructures. Independent Consultant has certified I/ROW for five stations at Redemptoris, Asia World, MIA, Ninoy Aquino and Dr. Santos. Civil Works activities are ongoing. Physical accomplishment: 36.8%</p> <p>OTHER ACTIVITIES:</p> <p>1. Contract for the Services for the Clearing of All Municipal Waste Materials at Pulang Lupa Dumpsite Status: Work suspended de to DPWH-LRTA project interface and ROW acquisition</p> <ul style="list-style-type: none">- August 29, 2019: NTP issued to the Contractor- August 28, 2019: MOA between DOTR & LRTA regarding to Download/Transfer of additional funds to LRTA was signed- May 3, 2019: Schedule for submission and opening of bids- February 27, 2019: The projects was approved by LRTA BOD <p>2. Contract for the Services for the Demolition, Design and Reconstruction of the Affected Portion of the Structures Demolished or Removal of all obstruction within the LRT1 Cavite Extension Project Alignment Status: PMO to submit additional documents to BAC (revised estimate, POW and TOR).</p> <ul style="list-style-type: none">-January 22, 2020: Conducted Pre-procurement conference.- November 27, 2019: Conducted Pre-procurement conference.- October 30, 2019: BOD Approved TOR (revised) forwarded to Procurement Division for processing- September 18, 2019: Revised TOR approved by the Board of Directors (BOD)- May 10, 2019: Pre-procurement Conference- March 22, 2019: LRTA BOD approved the project <p>3. Construction of Relocation Units and Amenities for Informal Settler Families Status: March 2020: On-going rectification works of the remaining facilities</p> <ul style="list-style-type: none">- Feb. 2020: Conducted Joint Inspection with LRTA Inspection Team regarding rectification works of Multi-purpose building, 3 Playgrounds and Covered Court- November 28, 2019: Conducted Joint Inspection with LRTA Inspection Team regarding rectification works of three (3) school buildings and two (2) water pumps <p>Physical Accomplishment : 100% as of July 11, 2017 Financial Accomplishment : 96% as of July 2017</p> <p>4. Appraisal Services with Appearance Fee of various Real Properties of Line 1 Cavite Extension Projects - 14 Lots Status: March 2020: Processing of payment is on-going</p> <ul style="list-style-type: none">- Feb. 2020: Submitted appraisal report- December 12, 2019: Notice to Proceed issued to the Contractor- October 31, 2019: Notice of Award issued to the Contractor
2.2 Line 1 South Extension Project (SEP)		Total: PHP387M LRTA GAA FY2011 & DOTR GAA FY2018	
		PHP 2,209 M Supplemental APP FY2019	
		PHP 385.3 M LRTA GAA FY2011	
		PHP .490 M Supplemental APP FY2019	

Note: ² Funds for Line 1 SEP are directly appropriated and released to DOTR. LRTA's role is Project Management only and all disbursements are for DOTR's account.