



LIGHT  
RAIL  
TRANSIT  
AUTHORITY

June 19, 2020

## MEMORANDUM

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

SUBJECT : **STATUS OF LRT PROJECTS**

We are pleased to transmit to your office a copy of the status of LRT foreign-assisted projects (FAP) and locally-funded projects (LFP) as of **May 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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LIGHT RAIL TRANSIT AUTHORITY  
PROJECT STATUS REPORT  
As of May 31, 2020

PROJECT NAME	PROJECT COST (PHP)	PROJECT DURATION	
1. LOCALLY - FUNDED PROJECTS			
1.1 LRT Rehabilitation Projects <sup>1</sup>	Total: PHP 9,572.32 M	2011 to 2024	<p>From the total of eighty-six (86)<sup>2</sup> CY2011-2020 Rehabilitation Projects, forty-eight (48) were already completed, nineteen (19) are ongoing implementation, fifteen (15) are still under Procurement Stage, and four (4) are for finalization of Terms of Reference (TOR), two (2) of which are for reallocation of project funds in accordance to the NBC 580.</p> <p><b>Completed Projects in 2020</b></p> <p>1. Restoration of Fiber Optic Cable Communication Backbone at LRTA Line 2: Completed on January 26, 2020</p> <p><b>On-going Implementation</b></p> <p>1. <b>Improvement of Line 2 Depot Offices</b> (Proposed Completion Date: 3rd Quarter of 2020.) Supply, delivery and installation of partitions and decommissioning was temporarily suspended due to lockdown. Actual accomplishment: 61.98%</p> <p>2. <b>Repair of Unbonded Concrete Plinths of LRTA Line 2 Mainline - Phase 2</b> (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. Work was suspended due to lockdown. Actual accomplishment: 55.0%.</p> <p>3. <b>Installation of Overhead Catenary System (OCS) Lightning Protection System- Phase II</b> (Target Completion Date: August 16, 2019) Delivery of surge arrester was suspended due to lockdown. LRTA officially informed the contractor regarding the expiration of contract and LD amounting to Php452,191.83. Actual accomplishment: 55.0%.</p> <p>4. <b>Supply, Delivery, Testing and Commissioning of OCS Truck</b> (Revised Completion Date: Sept. 29, 2019) The contractor was unable to proceed with the production of the equipment due to technical specifications not included in the bid documents. LRTA informed the contractor regarding expiration of contract and LD. Actual accomplishment: 60.0%</p> <p>5. <b>Restoration &amp; Upgrading of Power Cables at Depot Stabling and Pureza Area</b> (Revised Completion Date: April 22, 2020) Ongoing replacement of power cables at Pureza and Depot. The contractor acquired clearance for resumption of work during lockdown but in limited time only (12:00am - 2:30am). Actual accomplishment: 94.94%</p> <p>6. <b>Rehabilitation of Fire Detection and Alarm System and Fire Suppression System</b> (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. <b>Design and Build for the Improvement of Line 2 Stations and Facilities Project</b> (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. <b>Acquisition of Rail Grinding Machine (Equipped with Air-conditioning Control Cab)</b> (Target Completion Date: July 15, 2020) Delivered. Scheduled for the actual inspection, verification, testing and functionality prior to acceptance. Actual accomplishment: 88.0%</p>
<p><b>Description:</b> 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 carriageway, 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.</p> <p><b>Objectives:</b> Designed to address the problems of deteriorating rolling stocks, tracks and facilities. To increase the number of running trains/LRVs and will further enhance the safety and reliability of the LRT systems.</p>			



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			<p>9. <b>Acquisition of Rolling Stock Diagnostic Tools and Equipment</b> (Target Completion Date: Jan. 31, 2019) Delivered on Feb. 28, 2019. PS-DBM and LRTA issued Notice of Rejection to the supplier due to discrepancies on the scope of the delivered equipment. 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. <b>Construction / Installation of Train Lift System</b> (Revised Completion Date: November 22, 2019) Awaiting delivery. LRTA officially informed the contractor regarding the expiration of contract and issued LD P1,767,050 as of January 20, 2020. Actual accomplishment: 88.0%.</p> <p>11. <b>Replacement of Forty Five (45) Escalator Units at Mainline Stations</b> (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 suspended due to lock down.</p> <p>12. <b>Upgrading of Wheel Lathe Machine</b> (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. <b>Construction of Materials and Recovery Facility (MRF) at LRTA Line 2 Depot</b> (Target Completion Date: Dec. 9, 2019) Concreting of slab, 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. <b>Upgrade of Existing ICT Structure</b> - 100% Physically completed. Awaiting for the Project Final Acceptance.</p> <p>15. <b>Replacement of Communication Link and Upgrading of Interlocking Module of Line 2 Signaling System - Part 1 &amp; Part 2</b> (Target completion date: September 3, 2020) Conducted initial survey and assessment. Work was suspended due to lockdown. Actual accomplishment: 12.0%</p> <p>16. <b>Construction of Water Treatment Facility</b> (Completion Date: May 14, 2020) Concreting works and other activities was suspended due to lockdown. Accomplishment: 70.0%</p> <p>17. <b>Supply, Delivery, Installation, Testing and Commissioning of Uninterruptible Power Supply System (UPS)</b> (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. <b>Systematic Replacement of Compressor Motor Control Unit (CMCU)</b> (Target Completion Date: March 4, 2020) Delivered. Actual inspection, verification, testing and functionality prior to acceptance is ongoing. Physical Accomplishment: 80.0%</p> <p>19. <b>Maintenance of Line 2 System</b> (Contract Expiration: March 30, 2024) Maintenance of LRT Line 2 Systems is ongoing. Physical Accomplishment: 23.33%</p>

Note: <sup>1</sup> LRTA Rehabilitation Projects total cost were based on GAA CY2011-2020 excluding costs of projects offered to DBM and DOF for discontinuance  
<sup>2</sup> Acquisition of New Trainsets and Consulting Services are inclusive in the total number of Rehabilitation Projects





## As of May 31, 2020





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

PROJECT NAME	PROJECT COST (PHP)	PROJECT DURATION	
<b>2. FOREIGN- ASSISTED PROJECTS</b>			
<p><b>2.1 Line 2 East Extension Project (EEP)3</b></p> <p><b>Project background:</b> 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 &amp; Sumulong Highway in Masing, Antipolo City.</p> <p><b>Objectives:</b> 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>	<p><b>Total: PHP 9,511 B</b>  GPt: PHP 6,398 B  ODA: PHP 3,113 B  (NEDA Approved)</p>	<p>Original:  <b>2012 to 2016</b></p> <p>Revised:  <b>2014-2017</b></p> <p>Revised:  <b>2014-2020</b>  (excluding DLP)</p>	<p><i>NOTE: Status reflected was still as of April 30, 2020 due to the unavailability of updated report as a result of the imposed safety and pre-cautionary protocols concerning PMO Line 2 East Extension Project Employees suspected of being infected with COVID-19</i></p> <p><b>GOP Portion:</b></p> <p><b>a. Consulting Services for Civil Works</b>  Contractor: FDSC-KRNA-Soosung Joint Venture  Scope: DED, Tendering Assistance, Construction Supervision and Defects Liability Period (DLP) Assistance  Status: DOTr approved the realignment and extension contract duration requested by the consultant. S-curve is likewise revised to conform with the new contract duration.  Physical accomplishment: <b>98.46%</b></p> <p><b>b. Civil Works Package 1- Construction of Viaduct</b>  Contractor: D.M. Consunji, Inc. (DMCI)  Scope: Construction of 3.793km Viaduct  Status: Defects Liability Period (DLP) expired on June 24, 2019  Physical accomplishment: <b>100%</b></p> <p><b>c. Civil Works Package 2- Design and Build of Stations</b>  Contractor: D.M. Consunji, Inc. (DMCI)  Contract Duration: 18 months  Scope: Design and Build of Two (2) Stations  Status: On-going construction of Masing and Emerald Stations.  Physical accomplishment: <b>96.21%</b></p> <p><b>ODA Portion:</b></p> <p><b>a. Consulting Services for Electro-Mechanical</b>  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: <b>79.02%</b></p> <p><b>b. Design and Construction of Electro-Mechanical Equipment - Package 3</b>  Contractor: Marubeni-DMCI Consortium  Scope: Track works, Electro-mechanical System and Integration with Existing Systems  Status:</p> <p><b>- April 2020:</b> On-going design and installation activities. Physical Accomplishment: <b>58.10%</b></p> <p><b>- March 2020:</b> On-going design and installation activities. Physical Accomplishment: <b>55.61%</b></p> <p><b>Project History</b></p> <p>- July 4, 2019: NTP was issued to Marubeni-DMCI Consortium</p> <p>- February 6, 2019: Contract signing between DOTr and Marubeni-DMCI Consortium.</p> <p>- December 14, 2018: DOTr issued Letter of Acceptance (LOA) to the contractor signed by the DOTr Secretary.</p> <p>- April 2, 2018: Approval of results of bid price negotiation (DOTr/JICA)</p>

*Note: <sup>3</sup> 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.*



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PROJECT NAME	PROJECT COST (PHP)	PROJECT DURATION	
<b>2.2 Line 1 South Extension Project (SEP2)</b>  <b>Project background:</b> 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 Bacalaran and will traverse the cities of Paranaque 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 Paranaque-Las Pinas-Cavite area and (c) catalyze commercial development around the rail stations.	<div>Original <b>Total: PHP 61,527B</b> GPH: PHP 5,318 B ODA: PHP 20,041 B PS: PHP 30,934 B</div> <div>Revision1: <b>Total: PHP 60,811 B</b> GPH: PHP 4,510 B ODA: PHP 20,041 B PS: PHP 30,934 B</div> <div>Revision2: <b>Total: PHP 64,915 B</b> GPH: PHP 7,551 B ODA: PHP 17,799 B PS: PHP 39,565 B (NEDA Approved)</div>	<div>Original: <b>April 2013 to April 2017</b></div> <div>Revised: <b>4th Qtr. 2017 to 4th Qtr. 2022</b></div>	<p><b>GOP Portion:</b></p> <p><b>1-A. Right-Of-Way Acquisition (ROWA)</b> Status: Acquired <b>82%</b> equivalent to 191 lots of the total target of 233 private and public lots. Remaining lots are under negotiation and/or expropriation. - The Grantor paid the Philippine Reclamation Reclamation Authority (PRA) for the ROW acquisition of PRA lots -10 under Package 1 through the DOTr on March 27, 2020 - Basic ROWA: Acquired <b>82.5%</b> equivalent to 175 out of 212 lots. - Additional ROWA: Acquired <b>76.2%</b> equivalent to 16 out of 21 lots.</p> <p><b>1-B. Identified Intermediate ROW (IROW)</b> Status: Acquired <b>67%</b> equivalent to 22 lots of the total target of 33 target lots. Remaining 11 lots are ongoing negotiation or expropriation</p> <p><b>2. Utility Relocation</b></p> <p><b>a. Power (Meralco) : 27%</b> completed - Continued with the relocation of the remaining utilities and securing permits from CJC 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 &amp; Cavite is on going.</p> <p><b>b. Telcos</b> -September 26, 2019: Conducted Joint Inspection at Package 1 alignment by representative from DOTr, LPMC-EPC, LRTA &amp; utility providers. - July 19, 2019: LRTA Board of Directors approved the five (5) TELCOS MOA (Globe/Bayantel, Skycable/Destiny, Eastern, Cablelink and Radius). <b>b.1 PLDT</b> - Ongoing relocation of utilities at Ninoy Aquino Ave. MOA between LRTA and PLDT was signed on October 9, 2019. <b>b.2 Radius</b> - MOA between LRTA and Radius under review. Ongoing relocation of utilities at Ninoy Aquino Ave. <b>b.3 Cablelink</b> - MOA under review by Cablelink. Relocation of utilities in progress at Ninoy Aquino Ave. PMO issued letter to Cablelink requesting for Joint Pole Agreement with Meralco and other Telcos on Dec. 12, 2019 <b>b.4 Globe</b> - MOA under review by Globe <b>b.5 Eastern</b> - MOA under review by Eastern. On-going relocation of utilities at Ninoy Aquino Ave.</p> <p><b>b.6 Skycable</b> - Awaiting for concurrence from LPMC/EPCC on the proposed relocation plan before proceeding to MOA signing. Relocation of utilities at Ninoy Aquino Ave. in progress.</p> <p><b>c. Water Line (Maynilad)</b> - Signed and Notarized MOA by LRTA endorsed to Maynilad for concurrence on May 8, 2020 - 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-LPMC-DOTr-LRTA</p> <p><b>3. Relocation of Informal Settler Families (ISFs)</b> Status: <b>53.6% ISFs facilitated. Equivalent to 751 out of 1400 ISFs</b></p> <p><b>a. Package 1 (585+166=751 ISFs)</b>: 100% facilitated. An additional of 166 ISFs from Paranaque 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>b. Package 2 (165 ISFs + 109)</b>: Ongoing pre-relocation activities such as submission of documentary requirements by the affected ISFs and BSAAC deliberation. <b>Package 3 (375 ISFs)</b>: Ongoing marking of boundaries along project alignment</p> <p><b>Note: The data reflected above only represents affected ISFs on Basic ROW and may subject to change upon census validation.</b></p> <p><b>JICA ODA Component:</b></p> <p><b>1. Supply of 120 Rolling Stock LRVs for LRT Line 1 South (Cavite) Extension Project (Target Completion Date: February 28, 2022)</b> <b>Status:</b> Physical accomplishment: <b>32.83%</b></p> <p><b>- May 2020:</b> Ongoing approval of Original Test Protocol, Factory Test Protocol, procedures and other relevant documents. Manufacturing of Trainsets still suspended.</p> <p><b>- April 2020:</b> Manufacturing of Trainsets 1 (Spain) &amp; 2 (Mexico) was temporarily suspended due to city of origin was also in lockdown.</p> <p><b>- February 8, 2019:</b> Mock-up 4th Generation LRV is currently stabled at EPCC site office.</p> <p><b>- October 20-27, 2018:</b> Mock-up inspection of LRVs</p> <p><b>- March 1, 2018:</b> Issuance of NTP to Mitsubishi</p>



**LIGHT RAIL TRANSIT AUTHORITY**  
**PROJECT STATUS REPORT**  
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PROJECT NAME	PROJECT COST (PHP)	PROJECT DURATION	
2.2 Line 1 South Extension Project (SEP)	<p>Total: PHP387 M LRTA GAA FY2011 &amp; DOT- GAA FY2018</p> <p>PHP 2,209 M Supplemental APP FY2019</p> <p>PHP 385.3 M LRTA GAA FY2011</p>		<p><b>2. Expansion of Existing Depot at Bacalaran and Construction of New Satellite Depot at Zapote (Target Completion Date: October 23, 2022)</b>  Status: Physical accomplishment: 32.43%</p> <ul style="list-style-type: none"> <li>- <b>Baclaran Depot Expansion and Zapote Satellite Depot:</b> Site works was still suspended due to imposed MECQ and ECQ in Metro Manila. Ongoing preparation and revision of detailed design and construction drawings.</li> <li>- <b>Administrative Building Renovation:</b> Site works still suspended due to imposed MECQ and ECQ in Metro Manila. Ongoing preparation and revision of detailed design and construction drawings.</li> <li>- <b>Depot Maintenance and Equipment:</b> On-going preparation of Detailed Final Design - I</li> </ul> <p><b>Private Sector Component</b>  Concessionaire: LRMCC  <b>Project Component:</b> Cavite Extension Works (CEW) comprised of Civil Works (Viaduct and Stations), EMS Works, etc.  <b>Implementation Schedule:</b> June 30, 2017 - November 30, 2022 (1468 CD)  <b>Status:</b> On-going preparation of Station Design, Superstructure &amp; System Infrastructures. Independent Consultant has certified IIRROW for five stations at Redemptoris, Asia World, MIA, Ninoy Aquino and Dr. Santos. Civil Works activities are ongoing.</p> <p><b>Physical accomplishment:</b>  Cavite Extension Works: 38.70%      Design Acceptance Certificate for Civil Works: 34.0%  Existing System Works: 62.0%      Design Acceptance Certificate for System Works: 52.5%</p> <p><b>OTHER ACTIVITIES:</b>  <b>1. Contract for the Services for the Clearing of All Municipal Waste Materials at Pulang Lupa Dumpsite</b>  <b>Status:</b>  <ul style="list-style-type: none"> <li>- <b>May 2020:</b> Work suspended due to DPWH-LRTA project interface and ROW acquisition. Physical Accomplishment: 37.09%</li> <li>- <b>August 29, 2019:</b> NTP issued to the Contractor</li> <li>- <b>August 28, 2019:</b> MOA between DOTr &amp; LRTA regarding to Download/Transfer of additional funds to LRTA was signed</li> <li>- <b>May 3, 2019:</b> Schedule for submission and opening of bids</li> <li>- <b>February 27, 2019:</b> The projects was approved by LRTA BOD</li> </ul> <b>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</b>  <b>Status:</b>  <ul style="list-style-type: none"> <li>- <b>May 2020:</b> Ongoing revision of POW, TOR and Estimates excluding the item Restoration Works of 7-Eleven and Caltex</li> <li>- <b>April 2020:</b> PMO to submit additional documents to BAC (revised estimate, POW and TOR).</li> <li>- <b>January 22, 2020:</b> Conducted Pre-procurement conference.</li> <li>- <b>November 27, 2019:</b> Conducted Pre-procurement conference.</li> <li>- <b>October 30, 2019:</b> BOD Approved TOR (revised) forwarded to Procurement Division for processing</li> <li>- <b>September 18, 2019:</b> Revised TOR approved by the Board of Directors (BOD)</li> <li>- <b>May 10, 2019:</b> Pre-procurement Conference</li> <li>- <b>March 22, 2019:</b> LRTA BOD approved the project</li> </ul> <b>3. Construction of Relocation Units and Amenities for Informal Settler Families</b>  <b>Status:</b>  <ul style="list-style-type: none"> <li>- <b>May and April 2020:</b> Preparation of documents for the acceptance of rectified amenities and facilities</li> <li>- <b>March 2020:</b> On-going rectification works of the remaining facilities</li> <li>- <b>Feb. 2020:</b> Conducted Joint Inspection with LRTA Inspection Team regarding rectification works of Multi-purpose building, 3 Playgrounds and Covered Court</li> <li>- <b>November 28, 2019:</b> Conducted Joint Inspection with LRTA Inspection Team regarding rectification works of three (3) school buildings and two (2) water pumps</li> </ul> </p>

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PROJECT NAME	PROJECT COST (PHP)	PROJECT DURATION	
2.2 Line 1 South Extension Project (SEP)	PHP 0.490 M Supplemental APP FY2019		4. Appraisal Services with Appearance Fee of various Real Properties of Line 1 Cavite Extension Projects - 14 Lots Status: - May 2020: Payment already available for pick-up by the Contractor - April 2020: On-going processing of payment - March 2020: On-going processing of payment - 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

Note: <sup>2</sup> 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.

