



LIGHT
RAIL
TRANSIT
AUTHORITY

February 19, 2020


MEMORANDUM

FOR : **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 **January 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



2020 MM PLD 024

Address:

Line 2 Depot, Marcos Highway, Santolan, Pasig City, M.M., Republic of the Philippines

Trunkline: 6473479 / 6473481 / 6473484 / 6473485 / 6473487

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

PROJECT NAME **FUNDING SOURCE** **PROJECT COST (PHP)** **DURATION IMPLEMENTATION** **STATUS**

COMPLETED PROJECTS

<p>1. Projects involves major restoration of existing lines 1 and 2 rolling stock, and facilities such as signal, track, and irrigation, rail roadway, etc. of parapet walls in the area of the station platform, repair of etc. address the problems of the existing lines, tracks and facilities. To improve the reliability of the LRT</p>	<p>National Government</p>	<p style="text-align: center;">Total: PHP 7,072 B (based on total budgetary requirement from 2011- 2016 only)</p>	<p style="text-align: center;">2011 to 2022</p>	<p>A total of 47 out of 84 rehabilitation projects (CY2011-2020) were already completed, eighteen (18) are on-going, and ten (10) are still under Procurement / TOR Stage (LRTA BAC & PS-DBM)</p> <p>Completed Project in 2019</p> <p>1. Systematic Replacement of Rolling Stock Air-Conditioning Units for Ten (10) Trainsets (Accepted on May 24, 2019)</p> <p>On-going Implementation</p> <p>1. Improvement of Line 2 Depot Offices (Revised Completion Date: March 17, 2020. On-going improvement of the following offices: COA, Operations Line 2, IAD, CORSEC, SSD, BDP, BDD, GSD & AFCS. Physical Accomplishment 48.03%)</p> <p>2. Repair of Unbonded Concrete Plinths of LRTA Line 2 Mainline - Phase 2 (Target Completion Date: July 19, 2019) On-going fabrication. Contractor is officially informed of Contract Expiration & LD. Liquidated Damage (LD) as of January 31, 2020 is Php 507,039.75. Physical Accomplishment: 55%</p> <p>3. Installation of Overhead Catenary System (OCS) Lightning Protection System- Phase II (Target Completion Date: August 16, 2019. Awaiting surge arrester for installation. Contractor is officially informed of Contract Expiration & LD. Liquidated Damage (LD) as of January 31, 2020 is Php 385,625.52. Physical Accomplishment: 55%)</p> <p>4. Supply, Delivery, Testing and Commissioning of OCS Truck (Revised Completion Date: Sept. 29, 2019. Awaiting delivery. Recommendation of LRTA Legal Department for 300 calendar days project time extension approved. Computation of LD to be issued to the contractor is on-going.)</p> <p>5. Restoration & Upgrading of Power Cables at Depot Stabling and Pureza Area (Target Completion Date: February 1, 2020. On-going cable installation, termination of cables and installation of disconnect switches. Physical accomplishment: 84.90%)</p> <p>6. Rehabilitation of Fire Detection and Alarm System and Fire Suppression System (Revised Completion Date: November 15, 2019. On-going inventory of Waste Material and installation of FSS. Preparation for the termination to the new monitoring system. Physical accomplishment: 95.00%. Computation of LD to be issued to the contractor is on-going.)</p> <p>7. Design and Build for the Improvement of Line 2 Stations and Facilities Project (Revised Completion Date: January 26, 2020. On-going renovation works on both the interior and exterior of the stations. Physical accomplishment: 68.47%. Request for Project Time Extension under evaluation.)</p> <p>8. Acquisition of Rail Grinding Machine (Equipped with Air-conditioning Control Cab) (Target Completion Date: July 15, 2020. On-going manufacturing of the equipment)</p> <p>9. Acquisition of Rolling Stock Diagnostic Tools and Equipment (Target Completion Date: Jan. 31, 2019, Delivered on Feb. 22, 2019. Awaiting for the Final Acceptance and confirmation of Red Ribbon Certificate from PS-DBM. Under investigation by the LRTA Fact Finding Committee. Computation of LD to be issued to the contractor is on-going.)</p> <p>10. Construction / Installation of Train Lift System (Revised Completion Date: November 22, 2019. Awaiting delivery. Computation of LD to be issued to the contractor is on-going.)</p> <p>11. Replacement of Forty Five (45) Escalator Units at Mainline Stations (Revised Completion Date: January 31, 2020. Twenty-two (22) out of forty-five (45) Escalator Units were installed. Physical Accomplishment: 48.88%)</p> <p>12. Upgrading of Wheel Lathe Machine (Target Completion Date: December 12, 2020. On-going delivery of materials, equipment other needed accessories. Computation of LD to be issued to the contractor is on-going.)</p> <p>13. Construction of Materials and Recovery Facility (MRF) at LRTA Line 2 Depot (Target Completion Date: Dec. 9, 2019. On-going concreting of slab on grade and preparation for steel column. Physical Accomplishment: 74%. Request for Project Time Extension is under evaluation.)</p> <p>14. Upgrade of Existing 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)</p> <p>16. Construction of Water Treatment Facility (Target Completion Date: May 14, 2020. On-going concreting works for water treatment facility. Physical Accomplishment: 56.71%)</p> <p>17. Upgrading of Stations UPS System (Phase 2) and Depot Electrical Rooms (Target completion date: April 25, 2020. On-going assessment at existing UPS)</p> <p>18. Maintenance of Line 2 System (NTP date: April 1, 2019 / Contract Time Extended from March 31, 2022 to March 30, 2024, Physical Accomplishment: 16.67%)</p>
--	--------------------------------	---	--	---

LRT Rehabilitation Projects were based on the budgetary requirement from CY2011 (889M), CY2013 (P1.314B), CY2014 (727M), CY2015(2.819B), CY2015(977M) & CY2016(643M).

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

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/IMPLEMENTATION	STATUS
<p>w Trainsets</p> <p>ulti-year project that covers ing and commissioning of trainsets complete with on- munication equipment in ion of the LRT Line 2</p> <p>rease train availability and ay as well as enable the g of Rolling Stock stumer requirements and it and reliable LRT service.</p>	<p>National Government</p>	<p>Total Project Cost: PHP 11.353B</p> <p>GAA CY2018: 1.034B GAA CY2019: 1.418B</p>	<p>1st Qtr 2020 - 2nd Qtr 2023</p>	<p>Status: January 2020: Scheduled for evaluation of Shortlisted Bidder financial documents December 2019: On-going evaluation of Shortlisted Bidder 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)</p>
<p>ing Project - Cubao</p> <p>involves the construction and from the LRT2 and ully elevated walkway for ar from one railway line to</p>	<p>National Government</p>	<p>PHP 450M</p>	<p>2017-2018</p>	<ul style="list-style-type: none"> • July 24, 2019: The project will be included in the DOTr EDSA Greenway Project under DOTr as discussed during the meeting with DOTr USec for Planning and Project Development. • June 2019: On-going coordination with DOTr Road Transport Planning Division • May 8, 2019: Conducted consultation meeting with stakeholders/concerned government agencies affected by the project. LRTA endorsed Filinvest Land Inc. to the Consultant commissioned by DOTr to do the study for EDA Greenway Project. • The Transport Interchange Project (MRT3 and LRT2 alignment) is part of DOTr's EDSA Greenway Project. A consultation meeting with stakeholders/concerned government agencies affected by the project is scheduled on May 7&8, 2019. • April 20, 2017 : Received an unsolicited proposal from Filinvest Land, Inc. regarding the construction of Transport Interchange/Walkway in Cubao Station to MRT3 Cubao Station. • February 8, 2017: MOA between LRTA and DOTr was signed and approved by Secretary Tugade for the Implementation of the Transport Interchange Project. <p><i>Note : Initial fund requirement was downloaded to LRTA with Letter Advice of Allotment Release dated September 27, 2017 amounting to PHP344,750,000.00 (CY2015)</i></p>

P.K.

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

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/IMPLEMENTATION	STATUS
<p>Extension Projects</p> <p>involves the design and construction for the existing LRT of approximately 3.02 kms (tending westward to the turn back track. The three stations include: (a) Tutuban Cluster Mall; (b) west of the Recto Avenue section; and (c) Pier 4 south of Zaragoza Street.</p> <p>right-of-way acquisition urement of additional ements including five (5)</p>	National Government	PHP 10,118.46M (NEDA approved)	Aug 2019 - 3rd Qtr 2023	<ul style="list-style-type: none"> ● Procurement of Consultancy Services for the Concept Design of Civil Works, Electro-Mechanical System (EMS) and Rolling Stock <p>Status: January 2020: On-going implementation of Consultancy Services contract.</p> <ul style="list-style-type: none"> - December 2019: Finalization of conceptual design of viaduct, stations, performance specifications of EMS Rolling Stock and bidding documents is on-going. Final alignment and chainages approved. - November 2019: For submission of final alignment, chainages, concept design/performance specification. On-going preparation of tender documents for the procurement of contractor and other pre-construction requirements (ECC, etc.) - October 31, 2019: On-going preparation of Concept Design/Performance Specification and Tender Documents for the procurement of contractor and other pre-construction requirements (ECC, etc.), and for finalization of alignment and chainages. - August 16, 2019: Notice to Proceed was issued to WESTRAX Joint Venture - July 19, 2019: Notice of award was issued to the HRRB. - June 3, 2019: Resolution declaring the Highest Rated Responsive Bid (HRRB) and recommendation for the award of contract issued by PS-DBM - May 28, 2019: TWG conducted the post qualification on the Highest Rated Bid (HRB). - May 15, 2019: BAC and TWG started the negotiation with the HRB. - May 9, 2019: DBM-PS issued a resolution recommending the approval of the HRB. - May 2, 2019: Opening of Financial proposal. - April 8, 2019: Conducted presentation of the bidders proposed key personnel (Project Manager, System Specialist, etc.). - February 28, 2019: Conducted pre-bidding conference. - January 16, 2019: PS-DBM issued BAC Resolution declaring non-inclusion in the shortlist of Consultants. Four (4) prospective bidders were determined to be eligible and shortlisted. <p>Note: Initial fund requirement was downloaded/obligated by DOTr to LRTA through Memorandum of Agreement (MOA) dated; - 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, 2015: NEDA Board approved the Line 2 West Extension Project</p> <p>*amounts are inclusive of DOTr's 1.5% Engineering and Administrative Expenses (EAE)</p>

[Handwritten signature]

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

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/IMPLEMENTATION	STATUS
<p>STED PROJECTS</p> <p><u>ension Project (EEP)³</u> extension of the existing LRT ard from the existing os Highway, terminating at s Highway and Sumulong tional stations proposed: nt of Robinson's Metro East Grand Mall in Cainta; near the junction of Marcos Masinag, Antipolo City.</p> <p>aims to provide rapid and) the east of Manila, and to rical, industrial, and etro Manila either through ine 2 itself or through er LRTs or modes of</p>	<p>National Government</p> <p>Total: PHP 9,511B GPH: PHP 6,398B GPH-ODA: PHP 3,113B (NEDA Approved)</p>	<p>Original: 2012 to 2016</p> <p>Revised: 2014-2017</p> <p>Revised: 2014-2020 (excluding DLP)</p>	<p>GOP Portion:</p> <p>a. Consulting Services for Civil Works Contractor: FDSC-KRNA-Soosung Joint Venture Scope: DED, Tendering Assistance, Construction Supervision and Defects Liability Period (DLP) Assistance Status: On-going supervision in the construction of stations (Package 2) and DLP assistance for Package 1. Physical accomplishment: <u>98.45%</u></p> <p>b. Civil Works Package 1- Construction of Viaduct Contractor: D.M. Consunji, Inc. (DMCI) Scope: Construction of 3.793km Viaduct Status: Under Defects Liability Period (DLP) until June 24, 2019 Physical accomplishment: <u>100%</u></p> <p>c. Civil Works Package 2- Design and Build of Stations Contractor: D.M. Consunji, Inc. (DMCI) Contract Duration: 18 months Scope: Design and Build of Two (2) Stations Status: On-going construction of Masinag and Emerald Stations. Physical accomplishment: <u>96.17%</u></p> <p>ODA Portion:</p> <p>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>72.89%</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: - January 2020: On-going design and installation activities. - Physical Accomplishment: <u>46.11%</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>is directly appropriated and released to DOTr. LRTA's role is Project Management only and all disbursements are for DOTr's account.</p>	

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**
As of January 31, 2020

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION	STATUS
<p>Expansion Project (SEP)² The project involves the 20.7 kms by an additional 10.5 km will be at-grade. The extension line's last station at the cities of Paranaque and reach the city of through a Public-Private Arrangement scheme. (PS) components shall be National Assistance (ODA) Cooperation Agency Subsidy</p> <p>seeks to (a) immediately environment- friendly Metro Manila and the alleviate the worsening anaque-Las Piñas-Cavite commercial development</p>	<p>Original Total: PHP 61,327B GPH: PHP 5,318B GPH-ODA: PHP 20,041B PS: PHP 30,934B</p> <p>Revision1: Total: PHP 60,811B GPH: PHP 4,510B GPH-ODA: PHP 20,041B PS: PHP 30,934B</p> <p>Revision2: Total: PHP 64,915B GPH: PHP 7,551B GPH-ODA: PHP 17,799B PS: PHP 39,565B (NEDA-Approved)</p>	<p>Original: April 2013 to April 2017</p> <p>Revised: 4th Qtr. 2017 to 4th Qtr. 2022</p>	<p>GOP Portion:</p> <p>1. Right-Of-Way Acquisition (ROWA) Status: Acquired 79.30% equivalent to 180 lots of the total required 227 private and public lots. Remaining lots are under negotiation and/or expropriation. Changes in ROWA targets were due to approved modified C1-A alignment. - Basic ROWA: Acquired 84.88% equivalent to 174 out of 205 lots. - Additional ROWA: Acquired 27.27% equivalent to 6 out of 22 lots.</p> <p>2. Utility Relocation</p> <p>a. Power (Meralco) : 20% completed - On-going relocation and securing permits from CIC and PRA for the remaining jobs. Processing of payments to Meralco for Jobs 1, 5 & 10 is on-going. NTP issued to Meralco on Oct. 1, 2019. Jobs # 1 & 10 were recently relocated/completed.</p> <p>b. Telcos</p> <p>-September 26, 2019: Conducted Joint Inspection at Package 1 alignment by representative from DOTr, LRM-C-EPC, LRTA & utility providers. - July 19, 2019: LRTA Board of Directors approved the five (5) TELCOS MOA (Globe/Bayantel, Skycable/Destiny, Eastern, Cablelink and Radius). b.1 PLDT - On-going relocation of utilities at Ninoy Aquino Ave. October 9, 2019: MOA between LRTA and PLDT was signed b.2 Radius - On-going relocation of utilities at Ninoy Aquino Ave. b.3 Cablelink - On-going relocation of utilities at Ninoy Aquino Ave. December 12, 2019: PMO issued letter to Cablelink requesting for Joint Pole Agreement with Meralco and other Telcos. b.4 Globe - MOA under review by Globe b.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 LRM-C's concurrence of relocation plan before signing of 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-LRM-C-DOTr-LRTA</p> <p>3. Relocation of Informal Settler Families (ISFs) Status: 58.17% ISFs facilitated. Equivalent to 751 out of 1291 ISFs. a. Package 1 (585+166=751 ISFs) : 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. 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 December 2019: 31.54% On-going train manufacturing and approval of Original Test Protocol and Factory Test Protocol. Regular interface coordination meeting with stakeholders - 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> <p>2. Expansion of Existing Depot at Baclaran and Construction of New Satellite Depot at Zapote Status: Physical accomplishment: - Zapote Satellite Depot: On-going civil work design and approval, site clearing and office/facilities set-up. Physical Accomplishment: 14.11% - Baclaran Depot Expansion: On-going form works, rebar and concreting of OCS foundation at Area 1. Physical Accomplishment: 11.87% - Administrative Building Renovation: On-going dismantling works at 1st flr and 2nd flr of Admin Building (Area 1 &2). Physical Accomplishment: 12.25% - Depot Maintenance and Equipment: On-going Detailed Final Design. Physical Accomplishment: 2.14%</p>	

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

PROJECT NAME	FUNDING SOURCE	PROJECT COST (PHP)	DURATION/ IMPLEMENTATION	STATUS
<p>Private Sector Component</p> <p>Concessionaire: LRMC</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. Establishment of temporary Project Office & Pre-cast yard facilities is on-going.</p> <p>Physical accomplishment: 35.70%</p> <p>OTHER ACTIVITIES:</p> <p>1. Contract for the Services for the Clearing of All Municipal Waste Materials at Pulang Lupa Dumpsite</p> <p>Status: Project implementation in progress</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</p> <p>Status: PMO to submit additional documents to BAC.</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</p> <p>Status:</p> <ul style="list-style-type: none"> - On-going rectification works of the remaining facilities - 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</p> <p>Financial Accomplishment : 95% as of July 2017</p> <p>4. Appraisal Services with Appearance Fee of various Real Properties of Line 1 Cavite Extension Projects - 14 Lots</p> <p>Status: Appraisal services in progress</p> <ul style="list-style-type: none"> - December 12, 2019: Notice to Proceed issued to the Contractor - October 31, 2019: Notice of Award issued to the Contractor 	<p>Total: PHP387M</p> <p>LRTA GAA FY2011 & DOTr GAA FY2018</p> <p>PHP 2.209 M</p> <p>Supplemental APP FY2019</p> <p>PHP 385.3 M</p> <p>LRTA GAA FY2011</p> <p>PHP .490 M</p> <p>Supplemental APP FY2019</p>			

PHP are directly appropriated and released to DOTr. LRTA's role is Project Management only and all disbursements are for DOTr's account.