

February 21, 2022

### **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 **January 31, 2022** for posting to our website.

Thank you.

ELEANORE T DOMINGO

Manager, Planning Department

cc: Mr. Paul Y. Chua, Deputy Administrator for Operations and Engineering
Ms. Maria Corazon S. Pascual, Manager, Budget & Financial Planning Division

2022 MM CPD 017

### LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT

As of January 31, 2022

PROJECT NAME				TO A STATE OF THE
1. LOCALLY- FUNDED PROJECTS			NEW SECTION SECTION	
1.1 LRT Rehabilitation Projects  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 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.  Objectives: 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.	National Government GAA 2011 - 2021	Total: PHP 10,426.26 M <sup>1</sup>	2011 to 2027	From the total of niesty-two (2) or CY2011-2021 Rehabilitation Projects, fifty-eight (58) were already completed, twenty-two (22) are ongoing implementation, ten (10) are still under Procurement Change of the total of niesty-two (27) are for finalization/approval of Terms or Reference (TOR).  Completed Projects in 2020 and 2021  Restoration of Fiber Optic Cable Communication Backbone at LRTA Line 2: Completed on January 26, 2020  Systematic Replacement of Compressor Motor Control Unit (CMCU): Completed on June 3, 2020  Restoration of Damaged (Furnt Cable Trays, Walkways and other Appurtanences near OCS Pole 270 (between Anonas and Katipunan Station): Completed on June 29, 2020  Installation of Overhead Catenary System (OCS) (juthing Protection System-Planes): Completed on Dec. 07, 2020  Restoration of Updanding of Power Cables on Long System (DOS) (putting Protection System-Planes): Completed on Dec. 07, 2020  A cquisition of Rall Grinding Machine (Equipped with Air conditioning Control Cable): Completed on Dec. 07, 2020  Restoration of Various Equipment of Santolan Station Electrical Equipment Room Damaged by Fire: Completed on Sept. 01, 2021  Restoration of Various Equipment of Santolan Station Electrical Equipment Room Damaged by Fire: Completed on Sept. 01, 2021  Supply, Delivery, Installation, Testing and Commissioning of Uninterruptible Powers Supply, System (UPS) Completed on Sept. 20, 2021  Improvement Extension of Philippine Railway Training Center (PRTC) Training Room/ Office at LRTA Line 2: Certificate of Project Acceptance dated June 21, 2021 issued on Nov. 11, 2021  Improvement of Line 2 Depot Offices (Revised Completion Date: March 17, 2020) Ongoing inspection. Energization of electrical components/equipment for scheduling by the Engineering Dept. Ongoing preparation of Verified Report. Physical Accomplishment 50%  Repair of Unineer Statistics of RTA Line 2: Certificate of Project Acceptance date June 21, 2021 issued on Nov. 11, 2021 Ongoing preparation of Verified Report. Physical Accomplishment

#### LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT As of January 31, 2022

STORE WAS ARREST TO BE THE WATER CONTROL TO SHOW THE WATER	Chicherton Co.		Not your party of the	
PROJECT NAME				
				15 Replacement of Precision Air Conditioning System at Depot (Revised Completion Date: Aug. 13, 2021) Ongoing installation of aluminum cladding. VOPEC issued recommendation for the approval of the request for amendment of change in power configuration from three-phase to single-phase of 5TR ACU with reduction in contract cost. Physical Accomplishment: 95.15%
1.1 LRT Rehabilitation Projects				16 Consultancy Services for Structural Investigation and Related Works of LRT Lines 1 and 2 (Revised Completion Date: Aug. 28, 2021) 100% physically completed. For approval of Final Reports.  The recommendation for the removal of the "Assistance for the procurement of retrofitting works" as part of the SOW for Phase 3 was forwarded to VOPEC for review.
				17 Acquisition of Rescue and Emergency Road/Rail Vehicle (Target Completion Date: June 20, 2022) For delivery of the equipment. PMO-Rehab is requesting for a copy of complete set of bidding documents, contracts, and other pertinent documents from the Procurement Division.
				18 Consulting Services for the Restoration of various Line 2 System Equipment damaged by the fire (Completion Date: May 04, 2022) Providing assistance for the procurement of Contract 3 (Restoration of Signaling and System). Ongoing supervision of Restoration of RSS Nos. 4, 5 and 6 (Contract 1) and Restoration of Telecom System (Contract 4). Physical Accomplishment: 82.0%
				19 Restoration of Rectifier Sub-Station (RSS) Nos. 4, 5, 6, and various Line 2 System Equipment damaged by fire (Completion Date: April 01, 2022) Ongoing decommissioning of power cables. Evaluation of the Contractor's request for the amendment of contract deliverables from refurbishment to a brand new equipment is also ongoing. Physical Accomplishment: 15.72%
				20 Restoration of Telecoms Equipment damage by fire incident at RSS 4, 5, and 6 (Completion Date: January 20, 2022) Ongoing Ongoing installation of equipment. Physical Accomplishment: 84.73%
				21 System Maintenance Inventory Build-up Phase II (Completion Date: Sept. 18, 2022) Ongoing procurement of various PR's for CY2021 spare parts requirements. Physical Accomplishment: 38.0%
				22 Maintenance of Line 2 System (Contract Expiration: March 30, 2024) Maintenance of LRT Line 2 Systems is ongoing. Physical Accomplishment: 56.67%
				Notes:
				-The reflected total Rehab Project cost is net of the costs of projects offered for discontinuance (CY2019 - P19.87M and CY2020 - P853.87 = P873.74)
				-The Acquisition of 14 trainsets and the Consulting Services related to the acquisition are treated as one (1) project in the count for the total number of Rehab Projects.
				- Contractors affected by the suspension of work due to lockdown were requested to submit Implementation / Catch-up Plan and Rapid Test Result or to conduct fourteen (14) days quarantine period on their employees before they can resume to work.
1.2 Acquisition of New Trainsets				Status:
				- Jan. 2022 - The project will be deferred to 2023 as per the proposed revised list of priority projects of the Authority.
Description: This is a multi-year project that			1	- Nov 2021 - Dec. 2021: The project will be deferred to 2023 as per the proposed revised list of priority projects submitted by the Engineering Department.
covers the design, delivery, testing and commissioning of fourteen (14) brand new trainsets complete with on-board signaling and	National Government	Total Project Cost: PHP 11,353M		- July 2020 - Oct. 2021: Ongoing preparation of required documents for submission to NEDA-ICC and DOF. Shortlisted Bidders: 1. Perconsult International-One Town CVBA JV; 2. Systra Philippines Incorporated (SPI) - Systra S.A., and; JV 3. TUV Rheinland Philippines, Inc.
communication equipment in anticipation of the				- May - June 2020: Shortlisted Bidder's financial documents under evaluation March - April 2020: Evaluation of Shortlisted Bidder's financial documents was temporarily suspended due to lockdown.
operation of the LRT Line 2 extension projects.		Consulting		- March - April 2020: Evaluation of Shortisted Bidder's financial documents was temporarily suspended due to lockdown February 2020:Shortlisted Bidder's financial documents under evaluation.
The new trainsets will increase train availability		Services	May 2022 -	- January 2020: Shortlisted Bidder's financial documents was scheduled for evaluation.
and capacity, improve headway as well as	GAA 2019	PHP 321M	Oct. 2027	- December 2019: On-going evaluation of Shortlisted Bidder's financial documents (Stage 2).
enable the flexibility in the scheduling of Rolling				- October 2019: On-going evaluation of eligibility of documents for short listing (Stage 1).
Stock maintenance to meet costumer			Dec. 2022 -	- September 06, 2019: Schedule for the Opening of Eligibility Documents for the Consulting Services.
requirements and expectations for safe, fast and reliable LRT service.		Acquisition of New	Oct. 2025	- June 2019: Notice to interested bidders for the Consulting Services for the Acquisition of New Trainsets for posting in PhilGEPS and LRTA Website.
and reliable LIVI Service.	GAA 2018	Trainsets PHP 1,034 M	(excluding	- February 20, 2019: Conducted pre-procurement conference January 19, 2019: TOR approved.
		FFF 1,034 W	2 years DLP)	- January 19, 2019: 10k approved.  - March 2018: Approved by LRTA Board of Directors (inclusion of the project in the LRTA Corporate Plan FY2019).
				Note: GAA 2018 allocation was inclusive of P481M which was reallocated to support the agency's budget deficit for 2021

### LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT As of January 31, 2022

PROJECT NAME STATUS	
## Procurement of Consultancy Services for the Concept Design of Civil Works, Electro-Mechanical System (EMS) and Rolling Stock  ### Aug 2019- 3rd Otr 2023 (excluding DLP)  Description: The project involves the design and construction of the extension for the exte	

# LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT

As of January 31, 2022

PROJECT NAME	2871176E			
. FOREIGN- ASSISTED PROJECTS				
2.1 Line 2 East Extension Project 2.2 EEP)  roject background: Extension of the existing RT Line 2 by 3.793km eastward from the xisting Santolan Station at Marcos Highway, erminating at the intersection of Marcos ighway and Sumulong Highway. With two (2) diditional stations proposed: (1) Emerald tation in front of Robinson's Metro East Mall and Sta. Lucia East Grand Mall in Cainta; and 2) Masinag Station near the junction of Marcos Sumulong Highway in Masinag, Antipolo City.  bjectives: The project aims to provide rapid and reliable mode of transit to the east of lanila, and to various strategic commercial, dustrial, and educational districts in Metro lanila either through direct access from LRT ne 2 itself or through interconnections with ther LRTs or modes of transport.	National Government	PHP 6.398B	April 2014 -	SOP Protion:  a. Consulting Services for Civil Works Contractor: FDSC-KRNA-Socsury Joint Venture Scope: IDE, Tradening Assistance, Construction Supervision and Defects Liability Period (DLP) Assistance Status: DOT approved the realignment and extension of contract duration as requested by the consultant. S-curve is, likewise, revised to conform with the new contract duration. The consultant requested for additional contract to supervise the construction of Package 2 Design and Build of Stations.  Physical accomplishment. 98.46%  b.Interface Consultancy Contractor: FDSC-Socsury Joint Venture Scope: IDE, Tradening Assistance, Construction Supervision and DLP Assistance Status: Ongoing interfacing works with the Package 28.3 Contractors and Consultant.  Physical accomplishment. 95.60%  c. Civil Works Package 1- Construction of Viaduct Contractor: D.M. Consulij, Inc. (DMCI) Scope: Construction of 3.793km Viaduct Status: Defects Liability Period (DLP) expired on June 24, 2019 Physical accomplishment: 100%  d. Civil Works Package 2- Design and Build of Stations Contractor: D.M. Consulij, Inc. (DMCI) Contractor: D.M. Consulij, Inc. (DMCI) Contractor: D.M. Consulij, Inc. (DMCI) Status: On-going and Build of Two (2) Stations Status: On-going material or the protein protein of Package 3 activities, interfacing with civil works and assistance in the tendering of contractor Physical accomplishment: 99.52%  b. Design and Construction of Electro-Mechanical Contractor: C.M.X. 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 99.52%  b. Design and Construction of Electro-Mechanical Equipment - Package 3 Contractor: Manuel-IDMCI Consortium Scope: Track works, Electro-mechanical System and Integration with Existing Systems Status: On-going installation and Site Testing Physical Accomplishment 9

Note: 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 As of January 31, 2022

			As of January 31, 2022
PROJECT NAME			
2.2 Line 1 South Extension Project (L1 SEP)  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 atgrade. The extension will start from the existing line's last station at Baclaran and will traverse the cities of Paranaque and Las Piñas 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 Piñas-Cavite area and (c) catalyze commercial development around the rail stations.	Original Total: PHP 61.527B	Original: April 2013 to April 2017  Revised: 4th Qtr. 2017 to 4th Qtr. 2023  Target Partial Operation 4th Qtr 2021	GOP Portion: 1. A. Right-Ci-Way Acquisition (ROWA) Slatus: Acquired \$3.8% equivalent to \$211 lots of the total target of \$225 private and public lots On December 2021, IETA acquired \$151.6 lots of the total target of \$225 private and public lots On December 2021, IETA acquired \$151.6 lots of the revised P2 alignment Basic ROWA: Acquired \$10.7% equivalent to \$18 out of \$25 lots Additional ROWA: Acquired \$10.7% equivalent to \$18 out of \$25 lots Additional ROWA: Acquired \$10.7% equivalent to \$20 und \$20 lots 1. But lentified intermediate ROW (IROW) Slatus: Acquired \$10.7% equivalent to \$20 und \$20 lots 1. But lentified intermediate ROW (IROW) Slatus: Acquired \$10.7% equivalent to \$20 und \$21 lots 2. Utility Relocation ROW Package 1 - a. Power (Meraloc): \$9.4% completed or equivalent to \$20 und \$50 facilities for ROW Package 1. Additional TELCOs PT&T and Converge for board approval upon concurrence of Relocation Plans and Legal Pass - C. Water Line (Maynilad): 100% completed or equivalent to \$0 und \$50 facilities for ROW Package 1 Cyclober \$28, 2020: Completed \$2 facilities at Ninoy Aquino area September 4, 2020: completed 2 facilities at Ninoy Aquino area September 4, 2020: completed 2 facilities at Ninoy Aquino area September 4, 2020: completed 2 facilities at Ninoy Aquino area started June 18, 2020: Transmitted MoA to Let TA June 18, 2020: Transmitted MoA to Let TA June 18, 2020: Transmitted MoA to Let TA June 18, 2020: Maynilad's Legal notarized the MOA 2. ROW Packages 2.83 - Rower (MicRALCO): Status: Package 3: MERALCO already identified obsructions along ROW of the approved alignment and prepared a relocation scheme b. Telcos: Status: On-going detentification of TELCO operators facilities that might be affected by the alignment especially in Package 3. On-going gathering of as-built plans of identified TELCOs C. Water Line (Maynilad): Status: January 5, 2022: Maynilad 5 evaluated to Status: Package 3. August 4, 2021: 3 Maynilad 5 latus: Associated the M

## LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT

As of January 31, 2022

PROJECT NAME	ENT CALED BOTH TO THE TOTAL CONTROL OF THE TOTAL CALED BOTH TO THE TOTAL CALED
2.2 Line 1 South Extension Project (Continuation)	JICA ODA Component: 1. Supply of 128 Rolling Stock LRV's for LRT Line 1 South (Cavite) Extension Project (Target Completion Date: February 28, 2022) - Physical accomplishment: 63.80% Status: 2. Are riew and Approval of Design Documents: 3. Are riew and Approval of Design Documents: 4. January 2022 - Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 68 out of 68 (100%) Code 1; Track Test Protocols: 22 out of 24 (95.7%) Code 1 5. December 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 68 out of 68 (100%) Code 1; Track Test Protocols: 23 out of 24 (95.8%) Code 1 6. November 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 80 (100%) Code 1; Track Test Protocols: 23 out of 24 (95.8%) Code 1 6. September 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 20 out of 24 (95.8%) Code 1 6. September 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 18 out of 24 (95.0%) Code 1 7. August 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 18 out of 24 (95.0%) Code 1 7. August 2021: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 18 out of 24 (95.0%) Code 1 7. August 2022: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 18 out of 24 (95.0%) Code 1 7. August 2022: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 18 out of 24 (95.0%) Code 1 7. August 2022: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 80 out of 68 (100%) Code 1; Track Test Protocols: 80 out of 80 (100%) Code 1; Track Test Protocols: 80 out of 80 (100%)
	3. Private Sector Component Concessionaire: LRMC Project Component: Existing Civil Works (ECW) and Cavite Extension Works (CEW) Implementation Schedule: ECW (July 03, 2017 - July 12, 2022), CEW ROW Package 1 (September 07, 2017 - Oct. 12, 2023) Status: Engineering and Design completed, procurement and construction are ongoing. Physical accomplishment: Existing System Works (ESW): 94.90% Cavite Extension Works (CEW): 67.50%

### LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT

As of January 31, 2022

PROJECT NAME			PHARETY BY A STATE OF THE STATE
2.2 Line 1 South Extension Project (Continuation)	LRTA GAA 2011 & DOTr GAA 2018	Total: PHP387 M	OTHER ACTIVITIES:  1. Contract for the Services for the Clearing of All Municipal Waste Materials at Pulang Lupa Dumpsite Status:  -July 2021: On-going project implementation. Physical Accomplishment: 84.13% -June 2021: On-going project implementation. Physical Accomplishment: 84.13% -May 2021: On-going project implementation. Physical Accomplishment: 84.13% -April 2021: On-going project implementation. Physical Accomplishment: 84.13% -March 2021: Issued work suspension on March 29, 2021February 2021: On-going project implementation. Physical Accomplishment: 80.36% -January 2021: On-going project implementation. Physical Accomplishment: 78.85% -October 2020: On-going project implementation. Physical Accomplishment: 77.71% - September 2020: On-going implementation. Physical Accomplishment: 63.59% - August 2020: Ongoing implementation. Physical Accomplishment: 58.14% - June and May 2020: Work suspended due to DPWH-LRTA project interface and ROW acquisition. Physical Accomplishment: 37.09% - August 29, 2019: NTP issued to the Contractor August 28, 2019: NTP issued to the Contractor August 28, 2019: MOA between DOT's & 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: LRTA BOD approval.
	LRTA GAA 2011	PHP 385.3 M	2. Construction of Relocation Units and Amenities for Informal Settler Families Status:  November 2021: On-going completion/submission of documents for the Project by the Contractor October 2021: Awaiting response/acceptance re: Turn-over of facilities from the Province of Cavite September 2021: PMO Transmitted turn-over documents of relocation facilities and amenities (batch 1) to the Province of Cavite. July 2021: Transfer/handover of relocation amenities and facilities to the Province of Gen. Trias Cavite is under process. April 2021: Awaiting issuance of Certificate of Acceptance for the Water Tank. Ongoing preparation of acceptance documents for the rectified amenities and facilities. January 2021: Ongoing preparation of documents for the acceptance of rectified amenities and facilities. October 2020: Follow-up Letter to HG-III re: Submission of pertinent documents for the Issuance of Certificate of Acceptance for the Contract - Construction of the LRTA Relocation Housing Facilities and Amenities signed by the LRTA Administrator. September 2020: Preparation of documents for acceptance of rectified amenities and facilities. September 14, 2020- LRTA-PMO comments on the submitted pertinent documents for the issuance of Certificate of Acceptance. August 2020: Pre procurement conference and approved subject to the end-user's compliance with BAC requirements. May and June 2020: Preparation of documents for the acceptance of rectified amenities and facilities. May and June 2020: Preparation of documents for the acceptance of rectified amenities and facilities. Feb. 2020: Conducted Joint Inspection with LRTA Inspection Team regarding rectification works of Multi-purpose building, 3 Playgrounds and Covered Court.
on a	ROW Fund	PHP 16.07 M	3. Security Services for LRT Line 1 South (Cavite) Extension Project Status:  September-November 2021: On-going implementation July 2021: Issued Notice to Proceed (NTP) on July 17, 2021. Notarized Contract awarded to Easternforce Security Agency Corp on July 16, 2021.  May 2021: On-going procurement process, in coordination with SSD.  April 2021: Ongoing procurement process.  February 24, 2021: Pre-procurement Conference.  January 27, 2021- Pre-procurement Conference.
4	ROW Fund	PHP 673, 500.00	4. Appraisal Services with Appearance Fee of Various Real Properties of LRT Line 1 South (Cavite) Extension Project Status:  December 21, 2021: Submitted Final Report November: On-going implementation.

Note: 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.