

October 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 **September 30, 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



Address:

Line 2 Depot, Marcos Highway, Santolan, Pasig City,M.M., Philippines Trunkline: 6473479 / 6473481 / 6473484 / 6473485 / 6473487 website: www.lrta.gov.ph



| 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 ganlry 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.   | PROJECT NAME  FUNDING SOURCE SOURCE |
|--|-------------------------------------|
| Total:<br>PHP 9,572,38 M <sup>1</sup>  | PROJECT COST                        |
| 2011 to 2026   | PROJECT<br>DURATION                 |
| From the stud of eighty-sit (sig*Cycth*12026 Rehabilitation of Frams of Reference (TOR).  The Retardation of Plant Optic Chairs and American Compiled on Alternative Chairs and American Chairs and | STATUS                              |

| Note: Initial fund requirement was downloaded/obligated by - January 29, 2019 PhP608,000,000* (CY2018) - September 5, 2017 PhP100,000,000* (CY2017) - September 5, 2017 PhP10,1093,000* (CY2016) - January 4, 2017 PhP200,000,000* (CY2015) - TOR, POW and Approved Budget of the Contract ( - Acquisition of Environmental Compliance Certificat - May 19, 2015: NEDA Board approved the Line 2 W *amounts are inclusive of DOTr's 1.5% Engineering ar   | <del></del>   |  |                        | next to the cluster wait; (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.   |
|---|---|--|------------------------|--|
|   | Aug 2019 - 3rd Qtr 2023 (excluding DLP) Proposed Revision: A Revision: A Aug 2019 - | Total Project Cost<br>PHP 10,118.46 M<br>(NEDA approved) | National<br>Government | 1.3 LRT Line 2 West Extension Projects (L2 WEP)  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 Mattrib National Station. |
| Procurement of Consultancy Services for the Concept Design of Civil Works, Electro-Machanical System (EMS) and Rolling Stock  |   |  |                        |  |
|   | Nov 2021 - Sept. 2024 (excluding 2 years DLP)                                       | Acquisition of New<br>Trainsets<br>PHP 1,034 M           | GAA 2018               | and capacity, improve headway as well as enable the flexibility in the scheduling of Rolling Stock maintenance to meet costumer requirements and expectations for safe, fast and reliable LRT service.   |
|   | es April. 2021 -<br>Sept. 2026  | Consulting Services<br>PHP 321M                          | GAA 2019               | trainsets complete with on-board signating and communication equipment in anticipation of the operation of the LRT Line 2 extension projects. The new trainsets will increase train availability   |
| - July - September 2020: Ongoing preparation of required documents for submission to NEDA-ICC and DOF. Procurement processes/ activities are suspended.  - 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.   | <del>if</del>   | Total Project Cost:<br>PHP 11,353M                       | National<br>Government | Description: This is a multi-year project that covers the design, delivery, testing and commissioning of fourteen (14) brand new   |
|   |   |  |                        | 1.2 Acquisition of New Trainsets   |
| Notes:  - **LRTA Rehabilitation Projects total cost were based on GAA CY2011-2020 excluding costs of projects offered to DBMDOF for discontinuance - **LRTA Rehabilitation Projects total cost were based on GAA CY2011-2020 excluding costs of projects offered to DBMDOF for discontinuance - **Acquisition of New Trainsets and Consulting Services are inclusive in the total number of Rehabilitation 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 |   |  |                        |  |
| 21. Maintenance of Line 2 System (Contract Expiration: March 31, 2024) Maintenance of LRT Line 2 Systems is ongoing. Physical Accomplishment: 30,0%   |   |  |                        | (Continuation)   |
| 19. Consultancy Services for Structural Investigation and Related Works of LRT Lines 1 and 2 (Completion Date: May 13, 2021) Orgoing ocular inspection of viaducts and structures, structural analysis and capacity checks of stations, superstructures and substructures for LRT Lines 1 and 2. Physical Accomplishment: 17.0%  20. Consulting Services for the Restoration of various Line 2 System Equipment damaged by the fire (Completion Date: May 04, 2022) NTP issued to and received by Westrax JV on Sept. 11, 2020  |   |  |                        | 1.1 LRT Rehabilitation Projects  |
|   | PROJECT<br>DURATION   | PROJECT COST   | FUNDING<br>SOURCE      | PROJECT NAME   |

### LIGHT RAIL TRANSIT AUTHORITY PROJECT STATUS REPORT

|             |         |               | As of September 30, 2020 |        |
|-------------|---------|---------------|--------------------------|--------|
|             | FUNDING | DBO IEAT COST | PROJECT                  | CTATIC |
| TOUTOT WARE | SOURCE  | FROMEW! GOOD  | DURATION                 | SIMIUS |

|  | ;-                               |                                    | As of September 30, 2020  |
|--|----------------------------------|------------------------------------|---|
| PROJECT NAME FUI   | FUNDING PROJECT COST             | T PROJECT<br>DURATION              | STATUS  |
| 2. FOREIGN- ASSISTED PROJECTS  |                                  |                                    |   |
|  |                                  |                                    | GOP Portion:  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: DOTr 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-Soosung Joint Venture Scope: DED, Tendering Assistance, Construction Supervision and DLP Assistance  |
| 2.1 Line 2 East Extension Project  |                                  | Original:<br>2012 to 2016          | Status: Ongoing interfacing works with the Package 3 Contractor and Consultant.  Physical accomplishment: 24,03%  |
| Project background: Extension of the existing LRT Line 2 by 3.793km eastward from the  |                                  | 1st Revision 2014-2017             | c. Civil Works Package 1- Construction of Vladuct Contractor: D.M. Consunji, Inc. (DMCI) Scope: Construction of 3.793km Vladuct   |
| existing Santolan Station at Marcos Highway,   | Total Project Cost<br>PHP 9.511B | 2nd Revision<br>April 2014 -       | Status: Defects Liability Period (DLP) expired on June 24, 2019 Physical accomplishment: 100%   |
| additional stations proposed: (1) Emerald  Station in front of Robinson's Metro East Mall  | (NEDA Approved)                  |                                    | d. Civil Works Package 2- Design and Build of Stations Contractor: D.M. Consunii, Inc. (DMCI)   |
| 8 -  | National Supplement              | (excluding DLP)                    | Contract Duration: 18 months Scope: Design and Build of Two (2) Stations  |
| <del></del>  |                                  | Proposed<br>3rd Revision           | Status: On-going construction or Masinag and Emerato Stations.  Physical accomplishment: 96.291%  |
|  | PHP 3.113B                       | April 2014 -<br>March 2021         | ODA Portion: a. Consulting Services for Electro-Mechanical Contractor: CMY Consortium   |
| Industrial, and educational districts in well of Manila either through direct access from LRT Line 2 itself or through interconnections with other LRTs or modes of transport. |                                  | Target Start of Operation May 2021 | 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: 88.18%  |
|  |                                  | _                                  | b. Design and Construction of Electro-Mechanical Equipment • Package 3 Contractor: Marubeni-DMCI Consortium   |
|  |                                  |                                    | Status: On-going design and installation activities.  Physical Accomplishment: 75.08%   |
|  |                                  |                                    | 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.   |
|  |                                  | _                                  | Usuri A voi o Obbined in teams of my pine in Seminary   |

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.

| reserving seems army improved an extensive and recent relationship to the find the particularity of the seems and the seems are seems are seems are seems and the seems are seem | ŀ              | -                                   |                        |   | _       |
|--|----------------|-------------------------------------|------------------------|---|---------|
| <ul> <li>a. 1 RROW (70 ISFs) 0% facilitated. Ongoing preparation of social activities.</li> <li>b. Package 2 (165 ISFs + 109): Ongoing pre-relocation and actual relocation activities to the affected families in Birgy. Pulang Lupa Uno (dumpsite), Las Pinas City.</li> <li>b. Package 3 (375 ISFs): Ongoing marking of boundaries along project alignment. On-going finalization of draft MOA with DOTr, LRTA, DHSUD and Baccor LGUs regarding ISFs Resettlement Activities in Baccor City</li> <li>Note: The data reflected above only represents affected ISEs on Bacic BOW and may cubicat to change upon concess validation.</li> </ul>  |                |                                     |                        |   |         |
| 3. Relocation of Informal Settler Families (ISFs) Status: 53.6% ISFs facilitated. Equivalent to 751 out of 1400 ISFs   |                | PS: PHP 39,565 B<br>(NEDA Approved) |                        |   |         |
| - May 7, 2020: LRTA signed and notarized the MOA.  |                | ODA: PHP 17.799 B                   |                        |   |         |
| - June 18, 2020; Maynilad's Legal hotarized the MOA.   |                | GPH: PHP 7.551 B                    |                        | development around the rail stations.   | _       |
| - June 25 2020: Transmitted MOA to IRTA  |                | Total: PHP 64.915 B                 | •                      | Cavito area and (c) catalyze commercial   | _       |
| -August 28, 2020: completed 2 locations at Ninoy Aquino<br>-July 22, 2020: Abhilization at Redemotorist and Ninoy Aquino area started  |                | Revision2:                          |                        | suburbs (b) immediately alleviate the worsening   |         |
| -September 4, 2020: completed 2 facilities at Ninoy Aquino area.   |                | PS: PHP 30.934 B                    |                        | transportation services in Metro Manila and the   |         |
|  |                | ODA: PHP 20.041 B                   |                        | provide safe, reliable and environment-friendly   |         |
|  |                | GPH: PHP 4.510 B                    |                        | Objectives: The project seeks to (a) immediately  |         |
| ion   b.7 P1&1 - Awaiting for board approval of the draft MOA after the Legal Pass has been issued. Physical Accomplishment: 100%    b.8 CONVERGE - MOA under review by CONVERGE. Completed 2 facilities at Victor Medina and Irasan. Awaiting LRMC's concurrence of relocation plan for the remaining six facilities. Physical  | Operation      | Total: PHP 60.81 B                  |                        | National Government Subsidy Appropriation.  |         |
|  | Target Partial |                                     |                        | International Cooperation Agency (JICA) and   |         |
| b.5 Eastern - MOA under review by Eastern. Completed 1 facility at Ninoy Aquino Ave. Physical Accomplishment: 20%  |                | PHP 30.934 B                        | Private Sector         | Development Assistance (ODA) from Japanese  | _       |
|  | 4th Qtr. 2022  |                                     |                        | scheme. The GOP/Public sector (PS)  |         |
|  | 4th Qtr. 2017  | PHP 20.041 B                        | ODA-JICA               | The implementation is through a Public-Private  Cylen (PPP) Financing Arrangement                 | _       |
| b.2 Radius - Completed 2 utilities at Ninoy Aquino Ave and Redemptorist Rd. Physical Accomplishment: 33%   | Revised:       |                                     |                        | Manila and reach the city of Baccor   | _       |
| b.1 PLDT - Completed three (3) facilities at Ninoy Aquino Avenue, Harrison/Redemptorist and Sto. Nino Bridge. Physical Accomplishment. 75%   | 1              | PHP 5.318 B                         | National<br>Government | last station at Bactaran and will traverse the cities of Paranaque and Las Piñas in Metro         |         |
|  | April 2013 to  |                                     | <u>:</u>               | The extension will start from the existing line's   |         |
|  | Original:      | Original Total:<br>PHP 61.527B      |                        | additional 11.7 km., of which approximately 10.5 km will be elevated and 1.2 km will be at-grade. |         |
| b. Telco's   |                |                                     |                        | extension of the existing 20.7 kms by an  | <u></u> |
| 2. Utility Relocation  a. Power (Meralco): 41% completed - MERALCO Corporate Business Group and LRTA-PMO came up with an initiative to expedite the relocation works by removing the Advance Payment made by LRMC. With this, assuming MERALCO works for all the jobs will execute on the 2nd week of October 2020, the relocation of all power utilities shall be completed earlier than November 2021 or the projected timeline due to some of the jobs has been previously awarded to the contractors particularly in the sub-transmission line.  |                |                                     |                        | 2.2 Line 1 South Extension Project (L1 SEP)   |         |
| 1-B. Identified Intermediate ROW (IIROW) Status: Acquired 71% equivalent to 22 lots of the total target of 34 target lots. Remaining lots are ongoing negotiation and/or expropriation   |                |                                     |                        |   |         |
| - August, 2020:Ongoing negotiation and/or expropriation of the remaining lots Basic ROWA: Acquired 84.1% equivalent to 175 out of 208 lots Additional ROWA: Acquired 76.2% equivalent to 16 out of 21 lots.  |                |                                     |                        |   |         |
| GOP Portion:  1-A. Right-Of-Way Acquisition (ROWA)  Status: Acquired 33 4% perimatent to 101 lets of the total tornet of 200 private and mustic lets.  |                |                                     |                        |   |         |
| CT STATUS  | DURATION       | PROJECT COST                        | SOURCE                 | PROJECT NAME  |         |
| THE OT DE PROTINGET VET ANGLE  |                |                                     |                        |   | ,       |

| Scalas: Physical accessions of GAA 2011  ERTA GAA 2011  Forbruary B. GAA 2011  PHP 385.3 M  August 2020  August 2020 | PROJECT NAME  2.2 Line 1 South Extension Project (Continuation) | FUNDING                       | PROJECT COST    | PROJECT<br>DURATION | JICA ODA Component:<br>1. Supply of 120 Rolling  |
|--|---|-------------------------------|-----------------|---------------------|--|
| Total: PHP387 M  | (Continuation)  |                               |                 |                     | <ol> <li>Supply of 120 Rolling Stock LRV's for LRT Line 1 South (Cavite) Extension Project (Target Completion Date: February 28, 2022)</li> <li>Status: Physical accomplishment: 36.25%</li> <li>September 2020: Original Test Protocols: 75 out of 75 (100%) Code 1; Factory Test Protocols: 41 out of 68 (60.29%) Code 1; Track Test Protocols: 12 out of 21 (57.14%) Code 1</li> <li>August 2020: Original Test Protocols: 73 out of 75 (97.33%) Code 1; Factory Test Protocols: 34 out of 67 (50.74%) Code 1; Track Test Protocols: 12 out of 21 (57.14%) Code 1</li> <li>July 2020: Original Test Protocol, Factory Test Protocol, procedures and other relevant documents. On-going Factory testing of Trainset 1 and 2. On-going manufacturing and car body assembly of bogie.</li> </ol> |
| Total: PHP387 M  |   |                               |                 |                     | y assembly or bugic. Inne 2020: Ongoing approv y assembly of bogie. y 2020: Ongoing approv aril 2020: Manufacturing of bruary 8, 2019: Mock-up tictober 20-27, 2018: Mock arch 1, 2018: Issuance of  |
| Total: PHP387 M  |   |                               |                 |                     | xpansion of Existing Dej<br>xlaran Depot-Ongoing civi<br>note Depot-Ongoing civil v<br>ministrative Building Re<br>spot Maintenance and Eq   |
| Total: PHP387 M  |   |                               |                 |                     | vate Sector Component cessionaire: LRMC incessionaire: LRMC ject Component: Cavite Evidentation Schedule: Juliementation Schedule: Julies: On-going preparation of Santos. Civil Works activitie /sical accomplishment: sting System Works (ESW sting System Works (CEV)   |
| Total: PHP387 M  |   |                               |                 |                     | Contract for the Services fo   |
| PHP 385.3 M  |   | LRTA<br>GAA 2011<br>&<br>DOTr | Total: PHP387 M | ,                   | tus:<br>eptember 2020: Ongoing imp<br>ugust 2020: Ongoing Implem<br>une and May 2020:Work susp   |
| PHP 385.3 M  |   | GAA 2018                      |                 |                     | ugust 29, 2019: NIP ISSueu i<br>ugust 28, 2019: MOA betwee<br>ay 3, 2019: Schedule for sub<br>ebruary 27, 2019: The projec   |
| PHP 385.3 M  |   |                               |                 |                     | Construction of Relocation tus: Physical: 100% as of Juptember 2020: Preparation diffrate of Accentance  |
|  |   | GAA 2011                      | PHP 385.3 M     |                     | ugust 2020: For posting in I<br>uly 2020: Pre procurement of<br>ay and June 2020: Prepara<br>arch 2020: On-going rectific  |

|                                    | FINDING      |              | DRO IEST |  |
|------------------------------------|--------------|--------------|----------|--|
| PROJECT NAME                       | SOURCE       | PROJECT COST | DURATION | STATUS   |
| 2.2 Line 1 South Extension Project |              |              |          | 3. 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 LRTI Cavita               |
| (Continuation)                     |              |              |          |  |
|                                    |              |              |          | Status:  |
|                                    |              |              |          | <ul> <li>September 2020: Ongoing procurement process. For posting in PhiliGeps.</li> <li>August 2020: Preparation of documents for acceptance of rectified amenities and facilities</li> </ul>     |
|                                    |              |              |          | - July 2020: Pre-procurement conference and approved TOR subjects to the end-user's compliance with BAC requirements   |
|                                    | •            |              |          | - June 2020: Revised TOR was Approved and scheduled for pre-procurement but forwarded to the Legal Dept. for the legal opinion regarding the guidelines of negotiated procurement in order to fast |
|                                    | Supplemental | PHP 2.209 M  |          | track the procurement.   |
|                                    | APP FY2019   |              |          | - May 2020: Ongoing revision of POW, TOR and Estimates excluding the item Restoration Works of 7-Eleven and Caltex   |
|                                    |              |              |          | - April 2020: PMO to submit additional documents to BAC (revised estimate, POW and TOR).   |
|                                    |              |              |          | - 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  |
| -                                  |              |              |          | 4. Appraisal Services with Appearance Fee of various Real Properties of Line 1 Cavite Extension Projects - 14 Lots   |
|                                    |              |              |          | • May and June 2020: Payment already available for pick-up by the Contractor, 100& Completed   |
|                                    | Supplemental | PHP 0.490 M  |          | - April 2020: On-going processing of payment   |
|                                    | APP -12019   |              |          | - March 2020: Ungoing processing of payment  |
|                                    |              | _            |          | - December 2 2019: Notice to Proposed issued to the Contractor   |
|                                    |              |              |          |  |
|                                    |              |              |          |  |

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.

2017.FO.CPD.002/Rev.1/05June2018