



**LIGHT
RAIL
TRANSIT
AUTHORITY**

April 20, 2021

MEMORANDUM

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

SUBJECT : STATUS OF LRT PROJECTS

This is to transmit the copy of the status of LRTA's foreign-assisted projects (FAP) and locally-funded projects (LFP) as of **March 31, 2021** for posting on the LRTA 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



2021 MM CPD.033

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LRT LINES 1 & 2 REHABILITATION PROJECT
Status Report
as of March 31, 2021

Item No.	PROJECT TITLE	FUNDING SOURCE	PROJECT COST				PROJECT TIMELINE				REMARKS / CONTRACTOR	STATUS	
			SARO / ALLOCATION	NCA	Award	Disbursed	Duration	Start Date		Completion			
								Target / Actual	Planned	Revised			
TOR STAGE													
1	Consulting Services for Mid-Life Assessment of LRT2 System	CY2013 P1.314B	93,180,000.00	93,180,000.00	-	-	365 Calendar Days	23-Jul-21	14-Jan-23	-	Formerly Systematic Replacement of Protection System for 1.5kV DC High Speed Circuit Breaker and Acquisition and Integration of CCTV System with Facial Recognition Capability with the existing Line 2 CCTV System	For preparation of TOR, Market Research and other pertinent documents. (LRTA-BAC)	
2	Supply, Installation, Delivery, Testing and Commissioning of Platform Screen Door (PSD) for LRTA Line 2 Stations - Part 1	CY2021 P853.87M	195,000,000.00	213,468,250.00	-	-	365 Calendar Days	19-Jul-21	19-Jul-22	-		For approval of TOR	
3	Upgrade and Replacement of Revenue Line Local Area Network (LAN Facility)	CY2021 P853.87M	5,000,000.00	-	-	-	-	Apr 2021	Dec. 2021	-		For finalization of TOR	
4	Human Resource Management System (HRMS)	CY2021 P853.87M	3,500,000.00	-	-	-	-	Apr 2021	Dec. 2022	-		For finalization of TOR	
PROCUREMENT STAGE													
1	Re-Engineering and Rebuild of Train VVVF Control Unit	CY2013 P1.314B	120,000,000.00	120,000,000.00	-	-	60 Calendar Days	14-May-21	28-Jun-21	-	Formerly Acquisition and Integration of CCTV System with Facial Recognition Capability with the existing Line 2 CCTV System	For award of contract (LRTA-BAC)	
2	Restoration of Four (4) Down Trainsets - Part 2 (Formerly Systematic replacement of Rolling Stock Air-conditioning Units for Four (4) Trainsets - Part 1)	CY2013 P1.314B	87,000,000.00	87,000,000.00	-	-	540 Calendar Days	12-Aug-21	03-Jan-23	-	Total Project Amount P662,000,000 (CY2013 Part 1 & CY2015 Part 2) 1st Bidding: Nov 2017 - Lone bidder was disqualified due to non-compliant with the technical specifications and one of the IV Member is blacklisted by GPPB 2nd Bidding: 1st Stage: Preparation of TOR with minimum requirement 2nd Stage: Qualified bidder to submit proposal subject to review for possible inclusion in the final TOR	For rebidding (2nd). 2nd Stage: Submission of Bids to be scheduled by the LRTA BAC. For finalization of TOR and other relevant documents (LRTA-BAC)	
	Restoration of Four (4) Down Trainsets Part 1	CY2015 P977M	575,000,000.00	575,000,000.00	-	-						(LRTA-BAC)	
3	Restoration of Various Equipment of Santolan Station Electrical Room Damaged by Fire (Formerly Acquisition of Various Spare Parts for Line 2 System)	CY2013 P1.314B	6,000,000.00	6,000,000.00	5,200,000.00	-	365 Calendar Days	20-Apr-21	18-Aug-21	-		For issuance of NTP. (LRTA-BAC)	
4	Integrated Performance Management System (IPMS)	CY2015 P2.819B	32,658,601.00	32,658,601.00	32,658,601.00	32,658,601.00	180 Calendar Days	23-Jul-21	19-Jan-22	-	1st Bidding (Jan. 2017): Failure of bidding - Bidder was unable to pass the POC during the evaluation stage 2nd Bidding (April 3, 2018): No bid was receive 3rd Bidding (Feb. 27, 2019): Failed bidding, bidder was declared ineligible 4th Bidding (April 22, 2019): Failure of bidding. Shortlisted bidder failed to submit organizational chart	For posting (5th Bidding) (PS-DBM)	



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5	Construction of Library and Supplies and Records Warehouse (Formerly Improvement of MOW Warehouse and Records Room)	CY2015 P2.819B	50,000,000.00	-	-	-	270 Calendar Days	14-Sep-21	12-May-22	-		TOR revised, for pre-procurement.	
6	Acquisition of New Trainsets	CY 2018 P1,034M	1,034,000,000.00	258,500,000.00	-	-	36 months	04-Jul-22	19-May-25	-		Ongoing preparation of the required documents for submission to NEDA-ICC and DOF. Procurement process/ BAC activities suspended (LRTA-BAC)	
	Consulting Services for the Acquisition of Trainsets	CY 2019 P1,418.5M	321,000,000.00	-	-	-	66 months	04-Dec-21	07-May-27	-		Ongoing preparation of the required documents for submission to NEDA-ICC and DOF. Shortlisted Bidders: 1. Perconsult International-One Town CVBA JV 2. Systra Philippines Incorporated (SP) - Systra S.A. JV 3. TÜV Rheinland Philippines, Inc. (LRTA-BAC)	
7	Restoration of Signaling Equipment damage by fire incident at RSS 4, 5, and 6	CY 2019 P1,418.5M	324,444,700.00	-	-	-	510 Calendar Days	29-May-21	21-Oct-22	-		Scheduled for another pre-procurement. LRTA issued a request to service providers to submit a proposal for further evaluation by the end-user and TWG (LRTA-BAC)	
8	Upgrading of Train Propulsion System - Part 1A (Formerly Installation of Platform Screen Doors)	CY2015 P2.819B	125,000,000.00	-	-	-					Reallocation from the Installation of Platform Screen Doors Project funds	For pre-procurement	
	Upgrading of Train Propulsion System - Part 1B	CY2015 P2.819B	34,000,000.00	-	-	-	540 Calendar Days	08-Jul-21	30-Dec-22	-	Reallocation from the Installation of Platform Screen Doors Project funds (Formerly Re-engineering and Rebuild of Train VVVF Control Unit, Mass Thermal Imaging Camera and Human Resource Management System)		
	Upgrading of Train Propulsion System - Part 1C (Formerly LRTA Line 2 Depot General Repainting, Radio Integration and Automated Communications Reporting System)	CY2015 P2.819B	25,000,000.00	-	-	-					Reallocation from LRTA Line 2 General Repainting Project		
	Upgrading of Train Propulsion System Part 2	CY2021 P853.87M	161,500,000.00	-	-	-							
9	Acquisition of Rescue and Emergency Road/Rail Vehicle	CY2021 P853.87M	65,000,000.00	-	-	-	365 Calendar Days	23-Jun-21	19-Apr-22	-		Scheduled for submission and opening of bids	
10	Business Continuity and Disaster Recovery System (BCDR)	CY2021 P853.87M	15,000,000.00	-	-	-	-	Apr 2021	Dec. 2022	-		PR submitted to Procurement Division	
11	IT Security Management System	CY2021 P853.87M	15,000,000.00	-	-	-	-	Apr 2021	Dec. 2022	-		PR submitted to Procurement Division	
12	Systems Maintenance - Inventory Build-up	CY2021 P853.87M	393,873,000.00	-	-	-	365 Calendar Days	19-Jul-21	19-Jul-21	-		Preparation of various PR's for CY2021 spare parts is ongoing	

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IMPLEMENTATION STAGE													
1	Consultancy Services for Structural Investigation and Related Works of LRT Lines 1 and 2	CY2013 P1.314B	50,000,000.00	50,000,000.00	45,480,400.00	13,292,300.00	10 Months Progress Billing (Milestone)	13-Jul-20	13-May-21	-	R.S. ISON & Associates	For submission of Retrofitting Design Plans for Line 1 & 2 Systems Physical Accomplishment: 74.83% (LRTA-BAC)	
2	Repair/Restoration of Trainsets Nos. 18 & 13 (Formerly Upgrading of Lighting System at Line 2 Depot)	CY2013 P1.314B	13,720,000.00	13,720,000.00	13,651,672.01	-	95 Calendar Days	22-Jan-21	27-Apr-21	-	AMSCO JV Incorporated	Ongoing repair/restoration of TS No.18 Physical Accomplishment: TS No. 18 - 71.0% TS No. 13 - 0% (LRTA-BAC)	
3	Improvement of Line 2 Depot Offices	CY2013 P1.314B	52,000,000.00	52,000,000.00	51,501,134.80	7,725,170.22	240 Calendar Days (Milestone)	13-Mar-19	18-Nov-19	18-Dec-2019 (1st revision) 17-Mar-2020 (2nd revision)	N.Q. Villapando Construction	1. Ongoing installation and tapping of electrical cables 2. PMO-Rehab extended the contractor's working time Physical Accomplishment: 86.38% (GCC Commitment 2020) (LRTA-BAC)	
4	Rehabilitation of Fire Detection and Alarm System and Fire Suppression System (FDAS)	CY2013 P1.314B	30,000,000.00	30,000,000.00	26,880,000.00	-	365 Calendar Days (Milestone)	18-Jun-18	18-Jun-19	16-Sept-2019 (1st revision) 15-Nov-2019 (2nd revision)	Fax Cable Inc.	Ongoing assessment and study for the installation of monitoring system. Physical Accomplishment: 96.0% PMO Rehab sought for an opinion from the LRTA Legal Department Contractor was officially informed regarding the delayed completion of the project and Liquidated Damages (LRTA-BAC)	
5	Restoration and Upgrading of Power Cables at Depot Stabling and Pureza Area (Formerly Upgrading and Modification of Power Cables, Cable Trench and Installation of Isolator Switch at Depot Stabling)	CY2013 P1.314B	112,500,000.00	112,500,000.00	111,185,453.60	111,185,453.60	270 Calendar Days (Milestone)	08-May-19	01-Feb-20	22-Apr-20 (1st revision) 23-Oct-2020 (2nd revision)	Kinetic Philippines Electrical Construction Inc.	100% Physically completed with punchlist. Awaiting for the issuance of Certificate of Project Acceptance. (GCC Commitment 2020) (PS-DBM)	
6	Repair of Unbonded Concrete Plinths at LRT Line 2 Mainline (Phase 2)	CY2013 P1.314B	6,000,000.00	6,000,000.00	5,748,750.00	-	120 Calendar Days (Turn Key)	12-Mar-19	19-Jul-19	-	Well Built Specialty Contractor's Inc.	Ongoing fabrication of Concrete Plinth by the contractor. Physical Accomplishment: 55.0% LRTA officially informed the contractor regarding the delayed completion of the project and Liquidated Damages. PMO Rehab sought for an opinion from the LRTA Legal Department. (LRTA-BAC)	

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7	Construction of Material Recovery Facility (MRF) at LRTA Line 2 Depot	CY2013 P1.314B	15,000,000.00	15,000,000.00	14,243,105.63	1,424,310.56	180 Calendar Days (Milestone)	03-Jun-19	09-Dec-19	-	RGP Builders	Ongoing plastering, roofing and plumbing works. PMO-Rehab advised the contractor to implement manpower rotation to compensate for the personnel which undergone quarantine. Physical Accomplishment: 87.0% LRTA officially informed the contractor regarding the expiration of contract and liquidated damages. PMO sought for an opinion from the LRTA Legal Department (GCC Commitment 2020) (LRTA-BAC)	
8	Upgrading of Wheel Lathe Machine	CY2013 P1.314B	30,000,000.00	30,000,000.00	29,915,157.53	10,470,305.14	210 Calendar Days (Milestone)	17-May-19	12-Dec-19	-	Pink Armour Corp.	100% Physically completed with punchlist. Awaiting for the issuance of Certificate of Project Acceptance. Computation of Liquidated Damages is ongoing (LRTA-BAC)	
9	Improvement/Extension of Philippine Railway Training Center (PRTC) Training Room/Office at LRTA Line 2 (formerly Construction of Training Room/Office at LRTA Line2)	CY2013 P1.314B	3,000,000.00	3,000,000.00	2,800,556.81	-	60 Calendar Days (Turn-Key)	08-Oct-20	07-Dec-20	21-Dec-20	Burnaby Const and Development Co.	Ongoing construction of the PRTC Training Room Physical Accomplishment: 70.52% Ongoing assessment and evaluation for Contract Time Extension brought by the Pandemic. (LRTA-BAC)	
10	Acquisition Rolling Stock Diagnostic Tools and Equipment (Formerly Rolling Stock Diagnostic Tools and Equipment)SIV Diagnostic Tools, VVVF Diagnostic Tools, Crack Detection for Rolling Stock, Ultrasonic Crack Detection for Tracks and Power Cable Crimper)	CY2013 P1.314B	28,600,000.00	28,600,000.00	26,832,000.00	26,832,000.00	120 Calendar Days (Turn Key)	14-Oct-18	31-Jan-19	-	Kempal Const and Supply Corp. / Suzhou Dafang Special Vehicles Co. LTD. (JV)	For resumption of inspection activities by the Inspection and Acceptance Committee (IAC) based on the report submitted by the LRTA Fact Finding Committee (FFC). Physical Accomplishment: 89.0% LRTA officially informed the contractor regarding the delayed completion of the project and Liquidated Damages. PMO sought for an opinion from the LRTA Legal Department. (PS-DBM)	
11	Supply, Delivery, Testing and Commissioning of OCS Truck (Track & Rail Vehicle) (Formerly Acquisition of OCS Truck)	CY2013 P1.314B	45,000,000.00	45,000,000.00	44,279,040.00	44,279,040.00	300 Calendar Days (Turn Key)	06-Feb-18	01-Dec-18	29-Sep-19	Kempal Const and Supply Corp.	Delivered. Joint evaluation by the LRTA Inspection and Acceptance Committee (IAC) was completed. Initial report already submitted to PS-DBM. LRTA officially informed the contractor regarding the expiration of contract and Liquidated Damages. PMO Rehab sought for an opinion from the LRTA Legal Dept. (PS-DBM)	



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12	Replacement of Communication Link and Upgrading of Interlocking Module of Line 2 Signaling System - Part 2 (formerly Replacement of obsolete Communication Link and Upgrading of Westrace Module of Line 2 Signaling System)	CY2014 P727M	50,000,000.00	50,000,000.00	41,150,000.00	-	420 Calendar days (Milestone)	01-Jul-19	03-Sep-20	01-Nov-21	Kempal Construction and Supply Corp / Comm Builders & Technology Phils. Corp. (JV)	Ongoing inspection and assessment of existing signaling cables and components. Physical Accomplishment: 12.0%	
	Replacement of Communication Link and Upgrading of Interlocking Module of Line 2 Signaling System - Part 1 (formerly Replacement of Obsolete Communication Link and Upgrading of Westrace Module of Line 2 Signaling System)	CY2015 P977M	175,000,000.00	175,000,000.00	175,000,000.00	-					(LRTA-BAC)		
13	Replacement of Forty-Five (45) Escalators Units at Mainline Stations Part 2 (Formerly Replacement of Eleven (11) Escalators)	CY2014 P727M	92,310,000.00	92,310,000.00	92,310,000.00	8,070,000.00	180 Calendar Days (Milestone)	27-Mar-19	02-Oct-19	19-Dec-2019 (1st revision) 31-Jan-2020 (2nd revision) 31 March 2020 (3rd Revision) 07 Oct 2020 (4th Revision)	IFE Elevators Phils. Inc. - Ma-an Const. Corp (JV)	Forty-five (45) out of forty-five (45) Escalator Units were installed. Ongoing installation of Supervisory Panel. LRTA officially informed the contractor regarding the expiration of contract. Physical Accomplishment: 85.02%	
	Replacement of Forty-Five (45) Escalators at Mainline Stations Part 1 (Formerly Replacement of Eleven (11) Escalators)	CY2015 P977M	95,690,000.00	95,690,000.00	94,890,000.00	94,890,000.00					(LRTA-BAC)		
14	Construction/Installation of Train Lift System	CY2015 P977M	30,000,000.00	30,000,000.00	29,950,000.00	-	6 Months (Turn Key)	12-Dec-18	12-Jun-19	22-Nov-19	Kempal Const and Supply / Comm Builders & Technology Phils Corp (JV)	Awaiting delivery of the equipment. Physical Accomplishment: 88.0% LRTA officially informed the contractor regarding the expiration of contract and Liquidated Damages. PMO Rehab sought for an opinion from the LRTA Legal Dept. (LRTA-BAC)	
15	Construction of Water Treatment Facility (WTF)	CY2015 P977M	20,000,000.00	20,000,000.00	19,897,520.41	8,953,884.12	300 Calendar Days (Milestone)	10-Jul-19	14-May-20	07-July-20 (1st Revision) 18-Mar-2021 (2nd Revision)	Unique International Export Ltd. Co. / AD Sabarillo Jr. (JV)	Ongoing electrical, plumbing, and mechanical works. PMO-Rehab advised the contractor to implement manpower rotation to compensate for the personnel which undergone quarantine. Physical Accomplishment: 97.0% (LRTA-BAC)	
16	Upgrade of Existing ICT Structure	CY2015 P2.819B	43,000,000.00	43,000,000.00	30,150,016.00	30,150,016.00	-	02-Mar-18	31-Dec-18	30-Apr-19	-	100% physically completed on May 2019. Awaiting for the Issuance of Certificate of Project Acceptance (PS-DBM)	
17	Supply, Delivery, Installation, Testing and Commissioning of Uninterruptible Power Supply System (UPS)	CY2015 P2.819B	12,497,911.00	12,497,911.00	12,497,911.00	12,497,911.00	120 Calendar Days (Turn Key)	23-Dec-19	21-Apr-20	21-Nov-20	P2RO INC.	Conduct of technical training and testing of the equipment to be scheduled. The Contractor were committed to extend working time and provide additional manpower upon arrival of needed parts for the project. Physical Accomplishment: 82.0% (PS-DBM)	



18	System Maintenance Inventory Build-up	CY2015 P2,819B	273,000,000.00	-	100,492,332.85	-	180 Calendar Days	04-Jul-21	31-Dec-21	-	Various Suppliers	Ongoing procurement of various PR's for CY2021 spare parts requirement Physical Accomplishment: 37.0% P172,507,667.15 was slided from CY2020 to CY2021 (LRTA-BAC)
19	Design and Build for the Improvement of Line 2 Stations and Facilities	CY2015 P2,819B	400,000,000.00	255,967,298.00	398,887,457.83	377,790,112.02	450 Calendar Days (Progress Billing)	28-Aug-18	30-Nov-19	26-Jan-20 (1st Revision)	Synergos Const & Devt. Inc. / Three W Builders Inc. / Structura Teknika Services Co. (JV)	Ongoing painting activity, installation of ceiling fan, electrical works and other related activities. Implement manpower rotation to compensate for personnel undergone quarantine Physical Accomplishment: 88.0%
	Design and Build for the Improvement of Line 2 Stations and Facilities (Variation Order for Water Proofing) (Formerly Rehabilitation of Station Roof Decks and Substations, Radio Integration and Automated Communications Reporting System)	CY2015 P2,819B	40,000,000.00	-	37,848,609.63	-				8-June-20 (2nd revision) 27-Jan-21 (3rd Revision) 26-July 21 (4th Revision)		Physical Accomplishment: 88.0% (LRTA-BAC)
20	Consulting Services for the Restoration of various Line 2 System Equipment damaged by the fire	CY 2019 P1,418.5M	71,493,800.00	-	71,179,664.00	-	20 Months	11-Sep-20	04-May-22	-	Westrax JV	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: 38.0% (LRTA-BAC)
21	Restoration of Rectifier Sub-Station (RSS) Nos. 4, 5, 6, and various Line 2 System Equipment damaged by fire	CY 2019 P1,418.5M	552,932,000.00	-	545,107,602.44	54,510,760.25	18 Months	02-Oct-20	26-Mar-22	-	Under negotiated procurement NTP issued to and received by NAR Power on October 2, 2020 On Feb 2021, the completion date was revised from Sept 30, 2021 to Mar. 26, 2022 (LRTA-BAC)	Completed the energization of provisional 1.5kV DC power supply, ongoing testing of decommissioned parts and components. Ongoing evaluation of equipment and cable by the Consultant Physical Accomplishment: 39% (LRTA-BAC)
22	Restoration of Telecoms Equipment damage by fire incident at RSS 4, 5, and 6	CY 2019 P1,418.5M	128,288,500.00	-	128,000,000.00	-	240 Calendar Days	13-Apr-21	09-Dec-21	-		Kick-off meeting already conducted AHU/ACCU delivered. Awaiting delivery of PACU and Accessories, ongoing installation of AHU 2E, 2C, 2D and CAF-1A Implemented manpower rotation to compensate for the personnel that was undergone quarantine Physical Accomplishment: 65% (LRTA-BAC)
23	Replacement Precision Air-Conditioning Units (PACU) at Depot	CY2020 P901M	67,000,000.00	703,098,000.00	65,900,000.00	9,885,000.00	240 Calendar Days (Milestone)	19-May-20	14-Jan-21	10-May-21	Net Pacific Inc.	

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24	Maintenance of Line 2 System - Part 6	CY2016 P343M	324,560,000.00	324,560,000.00	324,560,000.00	-	Three (3) years (Option to extend for another two (2) years)	01-Apr-19	31-Mar-22	30-Mar-24	Autre Porte Technique Global Inc., Multi Scan Corp., Opus Land Inc. (AMSCO-IV)	Maintenance of LRT Line 2 Systems is ongoing. Actual Accomplishment: 40%	
	Maintenance of Line 2 System - Part 1	CY2014 P727M	344,580,000.00	344,580,000.00	344,580,000.00	325,676,634.69					TSPA		
	Maintenance of Line 2 System - Part 2	CY2015 P2,819B	810,661,559.00	810,661,559.00	810,661,559.00	810,661,559.00					(PS-DBM)		
	Maintenance of Line 2 System Part 3 (Formerly Restoration of Various LRV's and Other Related Systems)	CY2014 P727M	131,690,000.00	131,690,000.00	131,690,000.00	-							
	Maintenance of Line 2 System - Part 4	CY2014 P727M	89,824,491.00	33,320,000.00	89,824,491.00	-							
	Maintenance of Line 2 System - Part 5 (Formerly Refurbishment of Pantograph Assemblies)	CY2015 P977M	36,000,000.00	36,000,000.00	36,000,000.00	36,000,000.00					Autre Porte Technique Global Inc., Multi Scan Corp., Opus Land Inc. (AMSCO-IV)		
	Maintenance of Line 2 System - Part 7	CY2013 P1,314B	16,500,000.00	16,500,000.00	16,500,000.00	-							
	Maintenance of Line 2 System - Part 8	CY2015 P2,819B	214,850,169.00	-	214,850,169.00	-							
	Maintenance of Line 2 System - Part 9	CY2016 P343M	19,000,000.00	19,000,000.00	19,000,000.00	-							
Note: Project 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													
COMPLETED													
1	Systematic Rail Replacement at Line 1 Revenue Line (Phase 1)	CY2011 P889M	277,122,517.00	277,122,517.00	269,050,987.00	266,360,477.13	-	24-Feb-14	16-Jan-16	-	OMMC-Korrali-Erin Marty-Jeongeman Planning Devt Corp (IV)	Completed on January 16, 2016	
2	Systematic Replacement of Gantry Anchor Bolts at LRT 1 Revenue Line Connecting Line	CY2011 P889M	107,905,195.00	107,905,195.00	104,762,325.00	104,762,325.00	-	24-Feb-14	06-Mar-17	-	OMMC-Korrali-Erin Marty-Jeongeman Planning Devt Corp (IV)	Completed on March 01, 2017	
3	Installation of Fiber Optics Cable and Equipment with New Synchronous Digital Hierarchy (SDH) for LRTA Line 2 Signaling System and Packet Network for Telecoms Unified Communications	CY2011 P889M	100,942,001.00	100,942,001.00	98,001,942.72	98,001,942.72	-	-	-	-	Neo Tech Asia Distribution Inc.	Completed on May 19, 2014	
4	Upgrading of Analog to Digital Trunk Radio System for LRTA Line 2 System	CY2011 P889M	78,278,644.31	78,278,644.31	75,998,683.80	75,998,683.80	-	-	-	-	Syntech System Inc.	Completed on October 23, 2015	
5	Upgrading and Replacement of SCADA into Full Operational Capacity Of LRTA Line 2	CY2011 P889M	35,533,764.00	35,533,764.00	34,498,800.00	34,498,800.00	-	-	-	-	Electrical Equipment & System Integration Inc.	Completed on July 11, 2014	
6	Repair and Restoration of Under floor Wheel Lathe Machine (Turning Machine)	CY2011 P889M	9,245,359.12	9,245,359.12	8,976,076.82	8,976,076.82	-	-	-	-	Pink Armour Corp.	Completed on April 18, 2013	
7	Rehabilitation of Building Management System (BMS) at Katipunan Station	CY2011 P889M	14,754,338.00	14,754,338.00	14,324,600.00	14,324,600.00	-	-	-	-	MPH Communication & Automation Corp - Uniwell	Completed on May 17, 2013	
8	Repair and Restoration of Non-Operational Elevators System at Line 2 Mainline Stations	CY2011 P889M	15,953,901.75	15,953,901.75	15,489,225.00	-	-	-	-	-	Malasaga Corp.	Completed on August 28, 2013	
9	Repair and Upgrading of Station's Uninterruptible Power Supply (UPS) System - Phase I	CY2011 P889M	10,114,793.64	10,114,793.64	9,820,188.00	9,820,188.00	-	-	-	-	Computer Support Center Inc.	Completed on June 14, 2013	
10	Waterproofing of Platform Roof Decks of All LRT 2 Stations	CY2011 P889M	9,216,110.40	9,216,110.40	8,947,680.00	8,947,680.00	-	-	-	-	Khomerstone Group Corp.	Completed on July 12, 2013	
11	Rehabilitation of Katipunan's Water Chiller	CY2011 P889M	8,941,938.85	8,941,938.85	8,681,494.03	8,681,494.03	-	-	-	-	RC Simbilio Technologies International Corp.	Completed on April 30, 2014	
12	Installation of Safety Railings at Santolan Station Platform 2 Parapet	CY2011 P889M	2,233,333.33	2,233,333.33	2,233,333.33	2,233,333.33	-	-	-	-	DJ Builders	Completed on July 9, 2013	
13	Various Sub-Components of Driving Gear Assembly	CY2011 P889M	33,608,465.13	33,608,465.13	32,629,577.80	32,629,577.80	-	-	-	-	Multi-Scan Corp.	Completed on June 3, 2013	
14	Driving Gear Assembly	CY2011 P889M	135,267,840.00	135,267,840.00	131,328,000.00	131,328,000.00	-	-	-	-	Multi-Scan Corp.	Completed on January 10, 2014	
15	Construction of Ventilation of Elevator Machine Rooms and Electrical Rooms at Mainline Stations - LRT Line 2 System	CY2011 P889M	8,688,470.95	8,688,470.95	8,435,408.69	8,435,408.69	-	-	-	-	Goodyway Industrial Services Inc.	Completed on May 23, 2014	

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Item No.	PROJECT TITLE	FUNDING SOURCE	PROJECT COST				PROJECT TIMELINE				REMARKS / CONTRACTOR	STATUS
			SARO / ALLOCATION	NCA	Award	Disbursed	Duration	Completion				
								Start Date Target / Actual	Planned	Revised		
16	Repair and Restoration of Busbar System at Rectifier Substation (RSS) no. 4 to its Full Operational Capacity – Line 2 System	CY2011 P889M	13,906,057.24	13,906,057.24	13,501,026.45	13,501,026.45	-	-	-	-	Multi-Scan Corp.	Completed on March 25, 2013
17	Rolling Stock Door Modification for Eighteen (18) Train Sets	CY2011 P889M	9,558,400.00	9,558,400.00	9,280,000.00	9,280,000.00	-	-	-	-	Erin-Marry Fabricators Inc.	Completed on June 25, 2012
18	Repair and Restoration of Non-Operational Escalators Replacement of Various Parts due to Wear and Tear at Mainline Stations	CY2011 P889M	14,616,211.91	14,616,211.91	14,190,497.00	14,190,497.00	-	-	-	-	Malasaga Corp.	Completed on December 7, 2012
19	Modification of Building Facilities and Equipment (Construction of Elevated Concrete Base of Transformer and Re-Orientatization of Cables) at Legarda, Pureza, V.Mapa and Santolan Station Substation	CY2011 P889M	2,534,882.00	2,534,882.00	2,534,882.00	2,534,882.00	-	-	-	-	Comm Builders & Technology Phils. Corp.	Completed on October 13, 2012
20	Testing of Silicon Oil-Immersed Transformer at Rectifier Substation 1, 2 and 3 (Phase II)	CY2011 P889M	1,400,000.00	1,400,000.00	1,400,000.00	1,400,000.00	-	-	-	-	Westco Electrical & Equipment Corp.	Completed on February 17, 2012
21	Replacement of Waterline Piping System	CY2013 P1.314B	19,000,000.00	19,000,000.00	18,922,713.54	18,922,713.54	300 Calendar Days (Milestone)	20-Dec-16	22-Dec-17	-	ARRCEA BUILDERS CORP.	Completed on Feb. 19, 2018. (LRTA-BAC)
22	Supply, Delivery, Installation, Testing and Commissioning of Rolling Stock Simulator	CY2013 P1.314B	81,400,000.00	81,400,000.00	77,688,000.00	77,688,000.00	300 Calendar Days (Milestone)	-	02-Jan-18	-	Kempal Const and Supply Corp. and Lander Simulation and Training Solution (JV)	Completed on March 1, 2018 (PS-DBM)
23	Turn-Out Replacement	CY2013 P1.314B	9,200,000.00	9,200,000.00	8,715,200.00	8,715,200.00	360 Calendar days (Turn Key)	19-May-16	14-May-17	-	Daxxi	Delivered on May 29, 2017 (PS-DBM)
24	Re-Railing Equipment	CY2013 P1.314B	13,600,000.00	13,600,000.00	6,760,000.00	6,760,000.00	120 Calendar Days (Turn Key)	-	-	-	Daxxi	Delivered on July 07, 2017 (PS-DBM)
25	Requisition of Trainset Wheels	CY2013 P1.314B	25,000,000.00	25,000,000.00	14,508,000.00	14,508,000.00	300 Calendar Days (Turn Key)	12-Apr-16	03-Oct-16	-	Multi-Scan Corp.	Delivered on October 3, 2016 (PS-DBM)
26	Modification Of Air-conditioning System At Depot	CY2013 P1.314B	5,000,000.00	5,000,000.00	5,000,000.00	5,000,000.00	-	-	-	-	Coffel Aire	Completed on June 26, 2015 (LRTA-BAC)
27	Upgrading And Replacement Of Air-Conditioning System At Mainline Stations	CY2013 P1.314B	2,400,000.00	2,400,000.00	2,400,000.00	2,355,000.00	3 Months (Turn Key)	24-Oct-16	23-Jan-17	-	Western Marketing Corporation	Completed on January 24, 2017 (LRTA-BAC)
28	Scissor Lift and Self-Propelled Articulating Boom	CY2013 P1.314B	11,300,000.00	11,300,000.00	11,049,766.00	11,049,766.00	120 Calendar Days (Turn Key)	-	24-Nov-17	-	Wliam Merchandising Philippines Inc.	Delivered on May 30, 2018 (PS-DBM)
29	Acquistion of Trainset Wheels - Part II	CY2013 P1.314B	28,000,000.00	28,000,000.00	27,161,100.00	27,161,100.00	8 Months (Turn Key)	21-Dec-17	28-May-18	-	Multi-Scan Corporation	Delivered on June 4, 2018 (LRTA-BAC)
30	Replacement of Air-Conditioning Systems at Mainline and Depot	CY2013 P1.314B	30,000,000.00	30,000,000.00	29,888,000.00	29,888,000.00	60 Calendar Days (Turn Key)	26-Jan-18	01-Jun-18	-	Aire Tronix Inc.	Completed. Accepted on June 5, 2018 (LRTA-BAC)
31	Replacement of Sewage Ejector Pump (Katipunan Station) and Booster Pumps (Line 2 Stations)	CY2013 P1.314B	18,000,000.00	18,000,000.00	17,858,000.00	17,858,000.00	240 Calendar Days (Milestone)	02-Apr-18	27-Nov-18	-	Aire Tronix Inc.	100% Completed Accepted on November 27, 2018 (LRTA-BAC)



Item No.	PROJECT TITLE	FUNDING SOURCE	PROJECT COST				PROJECT TIMELINE				REMARKS / CONTRACTOR	STATUS
			SARO / ALLOCATION	NCA	Award	Disbursed	Duration	Completion				
								Start Date	Planned	Revised		
							Target / Actual					
32	Systematic Replacement of Rolling Stock Air-conditioning Units for ten (10) Trainsets	CY2013 P1.314B	360,000,000.00	360,000,000.00	350,999,998.39	350,999,998.40	360 Calendar Days (Milestone)	26-Apr-18	21-Apr-19	27-May-19	Multi-Scan Corporation	Completed. Issued Certificate of Project Acceptance dated May 24, 2019 (LRTA-BAC)
33	Restoration of Fiber Optic Cable Communication Backbone at LRTA Line 2 (Formerly Upgrading of Lighting System at Line 2 Depot)	CY2013 P1.314B	2,600,000.00	2,600,000.00	2,600,000.00	2,500,000.00	7 days	03-Feb-20	10-Feb-20	-	Negotiated Procurement	Completed on January 26, 2020 (LRTA-BAC)
34	Repair of Unbonded Concrete Plinths at Mainline (Phase 1)	CY2014 P727M	6,000,000.00	6,000,000.00	6,000,000.00	6,000,000.00	-	-	-	-	Kiornestone	Completed on July 15, 2015 (LRTA-BAC)
35	Installation of OCS Lighting Protection System (Formerly Installation of Lightning Protection System at Santolan Station)	CY2014 P727M	9,604,577.52	9,604,578.00	9,604,577.52	9,399,268.72	180 Calendar days (Turn Key)	30-Mar-16	04-Oct-16	-	Industrial Controls Corp	Completed on February 03, 2017 (LRTA-BAC)
36	Rewiring and Improvement of Lighting System at Line Stations	CY2014 P727M	3,680,931.48	3,680,932.00	3,680,931.48	3,680,931.48	-	30-Mar-16	04-Aug-16	-	Industrial Controls Corp	Completed on September 26, 2016 (LRTA-BAC)
37	Systematic Replacement of Compressor Motor Control Unit (CMCU)	CY2015 P2.819B	73,000,000.00	-	73,000,000.00	70,000,000.00	90 Calendar Days (Turn Key)	05-Dec-19	04-Mar-20	-	Itren Ventures / Jantrade Industrial Sales Inc. (JV)	Completed. Accepted on June 3, 2020 (GCC Commitment 2020) (PS-DBM)
38	Acquisition of Rail Grinding Machine (Equipped with Air-conditioning Control Cab)	CY2015 P2.819B	200,000,000.00	-	198,885,353.21	198,885,353.21	24 Months (Turn Key)	06-Jul-18	15-Jul-20	-	SPTC-OEM-ATI-AUTECH (JV)	Completed. Certificate of Project Acceptance issued on December 07, 2020 (GCC Commitment 2020) (LRTA-BAC)
39	Supply and Installation of Uninterruptible Power Supply (UPS) and Battery Bank at all Telecom Equipment Rooms (TER)	CY2015 P2.819B	19,510,000.00	19,510,000.00	12,989,600.00	12,989,600.00	365 Calendar Days (Milestone)	29-Aug-16	28-Aug-17	-	P2RO INC.	Completed. Accepted on Feb. 24, 2018 (PS-DBM)
40	Systematic Replacement of Rolling Stock Gangways (Formerly Systematic Replacement of Rolling Stock Gangways for 18 Trainsets)	CY2015 P2.819B	82,710,000.00	82,710,000.00	82,710,000.00	82,710,000.00	13 Months (Turn Key)	16-Jan-17	15-Feb-18	-	Multi-Scan Corporation	Completed. Delivered on March 7, 2018. (LRTA-BAC)
41	Construction of Covered Walkway at Santolan Station (East Wing)	CY2015 P2.819B	500,000.00	-	476,000.00	476,000.00	30 Calendar days (Turn Key)	-	-	-	GEM Engineering Supplies	Completed on March 25, 2017 (LRTA-BAC)
42	CCTV Security Surveillance Cameras (Revenue and Depot)	CY2015 P2.819B	70,000,000.00	70,000,000.00	49,088,000.00	49,088,000.00	25 Weeks (Milestone)	02-Sep-16	24-Feb-17	-	Neotech	Completed on February 24, 2017 (PS-DBM)
43	Replacement of Brake Operating units (BOU) System (Formerly Refurbishment of Brake Operating units (BOU) System for 18 Trainsets) Part 1	CY2015 P2.819B	127,260,476.00	127,260,476.00	127,260,476.00	127,260,476.00	10 Months (Turn Key)	27-Jul-16	27-Mar-17	-	Multi-Scan Corp.	Delivered on July 12, 2017 (LRTA-BAC)
44	Acquisition of Rail Expansion Joint	CY2015 P2.819B	18,816,009.00	18,816,009.00	17,967,040.00	18,816,009.18	360 Calendar days (Turn Key)	22-Aug-16	17-Aug-17	-	Daxxi-Jantrade (JV)	Delivered July 07, 2017 (PSDBM)
45	Improvement of Roofing at Gilmore, Recto Link Bridge and MOW Building	CY2015 P2.819B	2,813,333.00	2,813,333.00	2,813,333.00	2,813,333.00	-	24-Feb-14	06-Mar-17	-	FI TIU Associates Construction Development	Completed on June 20, 2016 (LRTA-BAC)
46	Construction of Additional Satellite Booths and Line Dispatchers Office at Mainline Station	CY2015 P2.819B	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	-	-	-	-	Ascend	Completed on Dec. 18, 2015 (LRTA-BAC)
47	Installation of Roll Up Doors of Wheel Lathe Machine Building	CY2015 P2.819B	905,000.00	905,000.00	905,000.00	905,000.00	-	04-Mar-16	09-Apr-16	-	Aircea Builders	Completed on April 20, 2016 (LRTA-BAC)
48	Replacement of Line 2 Conveyance System Part 2	CY2015 P2.819B	149,313,942.00	149,313,942.00	143,520,000.00	143,520,000.00	180 Calendar days (Milestone)	-	-	-	JV of Maan Const Corp. & IFE Elevator Co. Ltd	Accepted on October 17, 2017 (PSDBM)

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			SARO / ALLOCATION	NCA	Award	Disbursed	Duration	Start Date		Completion			
								Target / Actual	Planned	Revised			
49	Installation of Overhead Catenary System (OCS) Lightning Protection System - Phase 2	CY2015 P2.819B	13,000,000.00	-	5,100,888.38	-	150 Calendar Days (Turn Key)	11-Mar-19	16-Aug-19	-	Industrial Controls Corp	Completed on October 28, 2020 For computation of Liquidated Damages (LRTA-BAC)	
50	Upgrading of Katipunan Chiller System	CY2015 P9.77M	30,000,000.00	30,000,000.00	29,888,000.00	29,888,000.00	90 Calendar days (Turn Key)	19-Mar-18	08-Jul-18	-	Aire Tronix Inc.	Completed. Accepted on Aug. 8, 2018 (LRTA-BAC)	
51	Replacement of Brake Operating units (BOU) System - Part II	CY2015 P9.77M	16,000,000.00	16,000,000.00	14,980,320.00	14,980,320.00	8 Months (Turn Key)	27-Dec-17	27-Aug-18	-	Multi-Scan Corporation	Completed. Delivered on March 7, 2018	
52	Restoration of Damage/Burnt Cable Trays, Walkways and other Appurtenances near OCS Pole 370 (between Anonas and Katipunan Station	CY 2019 P1.418.5M	468,000.00	-	251,000.00	251,000.00	30 Calendar Days	13-Jun-20	29-Jun-20	-	AMSCO	Completed on June 29, 2020 (LRTA-BAC)	

Note: Shaded items are projects that are completed in 2018, 2019 and 2020.

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